

# APPENDIX E

## Soil/Waste Data Tables

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**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|-------|-------|-------|-------|
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 420  | 5000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 210  | 2500  | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 26   | 310   | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 24   | 290   | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 26   | 300   | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 66   | 790   | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 77   | 920   | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 24   | 280   | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 29   | 340   | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.80 | 7.0   | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 29   | 350   | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 69   | 820   | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 2.8  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 28   | 340   | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 25   | 290   | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 33   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 420  | 5000  | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 24   | 290   | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 32   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 2.8  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.72 | 6.3   | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 25   | 300   | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.50 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 210  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 100  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 19   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.73 | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 40   | 480   | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 91   | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 72   | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 72   | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 29   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 29   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 31   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 420  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 420  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 42   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 520  | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 230  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 5.7  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg | I     |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 620  | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 210  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.69 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 84   | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 26   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 5.7  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 2.8  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 210  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 840  | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 5.7  | 50   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 5.7  | 50   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 33   | 390  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 19   | 230  | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.48 | 4.3  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 0.57 | 5.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 1.4  | 12   | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 26   | 310  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 27   | 330  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 5.7  | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,1,2-Tetrachloroethane | ND     | 21   | 250  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 760  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 47   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 44   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 46   | 120  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 120  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 140  | 370  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 43   | 110  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 52   | 140  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.55 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 53   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 120  | 330  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 2.0  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 51   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 44   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 60   | 160  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 44   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 57   | 150  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 2.0  | 10   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.49 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 46   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.34 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 190  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 34   | 89   | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.50 | 2.6  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 73   | 190  | ug/kg |       |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 160  | 430  | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 130  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 130  | 340  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 52   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 52   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 57   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 76   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 950  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 420  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 3.9  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 1100 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.47 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 150  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 46   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 3.9  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 2.0  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 1500 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 3.9  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 3.9  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 60   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 34   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.33 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.39 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 0.98 | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 47   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 49   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 3.9  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,1-Trichloroethane     | ND     | 38   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 540  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | M2    |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 67   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 63   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 66   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 170  | 320  | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 200  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 61   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 74   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1.1  | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 76   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 180  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 3.8  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 73   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 63   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 85   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 62   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 81   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 3.8  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.98 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 65   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.67 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 540  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 270  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 48   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.99 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 100  | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 230  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 190  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 190  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 74   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 74   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 81   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 110  | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1400 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 600  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 7.7  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1600 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 540  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.93 | 2.4  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 220  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 66   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 7.7  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 3.8  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 540  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 2200 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | C     |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | C     |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | C     |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | C     |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 7.7  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 7.7  | 20   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 85   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 49   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.65 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 0.77 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 1.9  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 67   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 70   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 7.7  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,2,2-Tetrachloroethane | ND     | 54   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 1100 | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 66   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 61   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 64   | 120  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 170  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 190  | 370  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 60   | 110  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 72   | 140  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 1.1  | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 74   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 170  | 330  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 3.8  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 72   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 62   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 84   | 160  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 61   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 80   | 150  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 3.8  | 10   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.96 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 64   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.66 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 260  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 47   | 89   | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.98 | 2.6  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 100  | 190  | ug/kg |       |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 230  | 430  | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 180  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 180  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 73   | 140  | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 0.76 | 2.0  | ug/kg | A-01a |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 73   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 79   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1,2-Trichloroethane     | 450    | 53   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2-Trichloroethane     | ND     | 53   | 100  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|------|------|-------|-------|-------|
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 110  | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 1300 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 590  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 7.6  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 1600 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.92 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 210  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 64   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 7.6  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 3.8  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 2100 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 7.6  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 7.6  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 84   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 48   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.65 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 0.76 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 1.9  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 66   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 69   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 7.6  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       | M1    |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1,2-Trichloroethane | ND     | 53   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 800  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 40   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 50   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 46   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 49   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 0.37 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 40   | 100  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 130  | 320  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 150  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 40   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 45   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 54   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 40   | 100  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 0.52 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 56   | 140  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 130  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane    | ND     | 1.8  | 10   | ug/kg | RL-2  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|------|-------|-------|-------|
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 54   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 47   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 63   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 46   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 60   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1.8  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.47 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.32 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 200  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 36   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.48 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 77   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 170  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 55   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 55   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 60   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 80   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1000 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 450  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 3.7  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1200 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 160  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 49   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 3.7  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1.8  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1600 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 3.7  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 3.7  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 63   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 36   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|------|-------|-------|-------|
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.31 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.37 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.92 | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 50   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 52   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 3.7  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 40   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 960  | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 480  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 60   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 56   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 58   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 150  | 790  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 180  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 54   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 65   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.63 | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 67   | 350  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 160  | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 2.2  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 65   | 340  | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 56   | 290  | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 76   | 390  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 960  | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 55   | 290  | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 72   | 380  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 2.2  | 25   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.57 | 6.3  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 58   | 300  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.39 | 4.3  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 480  | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 240  | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 43   | 220  | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.58 | 6.4  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 92   | 480  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 210  | 1100 | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 170  | 860  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 170  | 860  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 66   | 340  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 0.45 | 5.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 66   | 340  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 72   | 370  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 960  | 5000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 960  | 5000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 96   | 500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 1200 | 6200 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 530  | 2800 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 4.5  | 50   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethane | ND     | 48   | 250  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|------|-------|-------|-------|-------|
| PNL-F04-11-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 1400 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 480  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.54 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 190  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 58   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 4.5  | 50    | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 2.2  | 25    | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 480  | 2500  | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 1900 | 10000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 4.5  | 50    | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 4.5  | 50    | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 76   | 390   | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 43   | 230   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.38 | 4.3   | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 0.45 | 5.0   | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 1.1  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 60   | 310   | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 62   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 4.5  | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloroethene  | ND     | 48   | 250   | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 780  | 2000  | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 390  | 1000  | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 49   | 120   | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 45   | 120   | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 47   | 120   | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0   | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 120  | 320   | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 140  | 370   | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 44   | 110   | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 53   | 140   | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.39 | 2.8   | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 55   | 140   | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 130  | 330   | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 1.4  | 10    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 53   | 140   | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 46   | 120   | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0   | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 62   | 160   | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 780  | 2000  | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100   | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 45   | 110   | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 59   | 150   | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|------|------|-------|-------|-------|
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 1.4  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.36 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 47   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.24 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 390  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 200  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 35   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.36 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 75   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 170  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 130  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 130  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 53   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 54   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 58   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 780  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 780  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 78   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 980  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 430  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 2.8  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 1200 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 390  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.34 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 160  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 47   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 2.8  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 1.4  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 390  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 1600 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 2.8  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 2.8  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg | M2    |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 62   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 35   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.24 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene | ND     | 0.28 | 2.0  | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|------|-------|-------|-------|
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 0.70 | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 49   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 51   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 2.8  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,1-Dichloropropene    | ND     | 39   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1200 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 580  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 72   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 67   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 71   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 180  | 790  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 210  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 65   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 79   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.4  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 81   | 350  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 190  | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 5.0  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 78   | 340  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 68   | 290  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 91   | 390  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1200 | 5000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 67   | 290  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 87   | 380  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 5.0  | 25   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.3  | 6.3  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 70   | 300  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 0.87 | 4.3  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 580  | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 290  | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 52   | 220  | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.3  | 6.4  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 110  | 480  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 250  | 1100 | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 200  | 860  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 200  | 860  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 79   | 340  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 80   | 340  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 87   | 370  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1200 | 5000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1200 | 5000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 120  | 500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1400 | 6200 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 650  | 2800 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 10   | 50   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1700 | 7400 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 580  | 2500 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.2  | 6.0  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 230  | 1000 | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|-------|-------|-------|-------|
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 71   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 10   | 50    | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 5.0  | 25    | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 580  | 2500  | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 2300 | 10000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 10   | 50    | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 10   | 50    | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 91   | 390   | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 52   | 230   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       | M2    |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 0.85 | 4.3   | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 1.0  | 5.0   | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 2.5  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 72   | 310   | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 76   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 10   | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,3-Trichlorobenzene | ND     | 58   | 250   | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 960  | 10000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 480  | 5000  | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 60   | 620   | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 56   | 580   | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 58   | 610   | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 150  | 1600  | ug/kg |       |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 180  | 1800  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 54   | 560   | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 65   | 680   | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 2.4  | 14    | ug/kg |       |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 67   | 700   | ug/kg |       |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 160  | 1600  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 8.5  | 50    | ug/kg | RL-2  |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 65   | 680   | ug/kg |       |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 56   | 590   | ug/kg |       |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 76   | 790   | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 960  | 10000 | ug/kg |       |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 55   | 570   | ug/kg |       |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 72   | 750   | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 8.5  | 50    | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-09-10-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 2.2  | 13    | ug/kg |       |       |
| PNL-09-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 58   | 610   | ug/kg |       |       |
| PNL-09-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       | I     |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.5  | 8.7   | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|-------|-------|-------|-------|
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 480  | 5000  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 240  | 2500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 43   | 440   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 2.2  | 13    | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 92   | 960   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 210  | 2200  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 170  | 1700  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 170  | 1700  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 66   | 680   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 66   | 690   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 72   | 750   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 960  | 10000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 960  | 10000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 96   | 1000  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1200 | 12000 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 530  | 5600  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 17   | 100   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg | I     |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1400 | 15000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 480  | 5000  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 2.1  | 12    | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 190  | 2000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 58   | 610   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 17   | 100   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 8.5  | 50    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 480  | 5000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1900 | 20000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 17   | 100   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 17   | 100   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 76   | 790   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 43   | 450   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.4  | 8.5   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 1.7  | 10    | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 4.2  | 25    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 60   | 620   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 62   | 650   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48   | 500   | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 17   | 100   | ug/kg | RL-4  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|------------------------|--------|---------|----------|-------|-------|-------|
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48      | 500      | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,3-Trichloropropane | ND     | 48      | 500      | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1000    | 5000     | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1100000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 510     | 2500     | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4400000 | 13000000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 14000   | 20000    | ug/kg | RL-2  |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 63      | 310      | ug/kg |       |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 59      | 290      | ug/kg |       |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 62      | 300      | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg | A-01a |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240     | 330      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 6000    | 8300     | ug/kg |       |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 160     | 790      | ug/kg |       |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 190     | 920      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-2  |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 57      | 280      | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 69      | 340      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 6000    | 8300     | ug/kg |       |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.4     | 7.0      | ug/kg |       |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 72      | 350      | ug/kg |       |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 170     | 820      | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 5.0     | 25       | ug/kg | RL-2  |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-1  |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 69      | 340      | ug/kg |       |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 60      | 290      | ug/kg |       |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 29000   | 40000    | ug/kg | RL-2  |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 80      | 390      | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1000    | 5000     | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 14000   | 20000    | ug/kg | RL-2  |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 59      | 290      | ug/kg |       |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 77      | 380      | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 5.0     | 25       | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 2400    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-1  |       |
| PNL-09-10-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.3     | 6.3      | ug/kg |       |       |
| PNL-09-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 62      | 300      | ug/kg |       |       |
| PNL-09-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       | I     |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 0.87    | 4.3      | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 510     | 2500     | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240     | 330      | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 260     | 1200     | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 45      | 220      | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.3     | 6.4      | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 6000    | 8300     | ug/kg |       |       |
| PNL-12-16-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 98      | 480      | ug/kg |       |       |
| PNL-12-18-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 220     | 1100     | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240     | 330      | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg | A-01a |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 24000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 180     | 860      | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 180     | 860      | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 70      | 340      | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0     | 5.0      | ug/kg | A-01a |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1200    | 1700     | ug/kg | RL-1  |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 29000   | 40000    | ug/kg | RL-2  |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 70      | 340      | ug/kg |       |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 76      | 370      | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 3600    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 7200    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1000    | 5000     | ug/kg |       |       |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1000    | 5000     | ug/kg |       |       |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 9000    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51      | 250      | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL    | RL     | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|-------|--------|-------|-------|-------|
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 36000 | 50000  | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 100   | 500    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 6000  | 8300   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1300  | 6200   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 18000 | 25000  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 570   | 2800   | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 10    | 50     | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 12000 | 17000  | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 3600  | 5000   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1500  | 7400   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 510   | 2500   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 24000 | 33000  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.2   | 6.0    | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 200   | 1000   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1800  | 2500   | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 62    | 300    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1200  | 1700   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 10    | 50     | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 9000  | 12000  | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 5.0   | 25     | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 510   | 2500   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 24000 | 33000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 2000  | 10000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 24000 | 33000  | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 36000 | 50000  | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 36000 | 50000  | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 90000 | 120000 | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 36000 | 50000  | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 72000 | 100000 | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 36000 | 50000  | ug/kg | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 7200  | 10000  | ug/kg | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 10    | 50     | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 14000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 10    | 50     | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 14000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       | M2    |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 72000 | 100000 | ug/kg | RL-2  |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 24000 | 33000  | ug/kg | RL-2  |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 80    | 390    | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250    | ug/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 12000 | 17000  | ug/kg | RL-2  |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 46    | 230    | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 360   | 500    | ug/kg | RL-1  |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 240   | 330    | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 360   | 500    | ug/kg | RL-1  |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       | M2    |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 3600  | 5000   | ug/kg | RL-1  |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0    | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 0.85  | 4.3    | ug/kg |       |       |



**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|------------------------|--------|-------|-------|-------|------------|-------|
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0   | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 480   | 670   | ug/kg | RL-1       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 1.0   | 5.0   | ug/kg |            |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 2.5   | 12    | ug/kg |            |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 1200  | 1700  | ug/kg | RL-2       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 63    | 310   | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 12000 | 17000 | ug/kg | RL-2       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 66    | 330   | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 12000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 9600  | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 10    | 50    | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 6000  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 7200  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,4-Trichlorobenzene | ND     | 51    | 250   | ug/kg |            |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2,4-Trichlorobenzene | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 2500   | 660   | 2000  | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 330   | 1000  | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 8500   | 33    | 100   | ug/kg |            | M1    |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 10000  | 41    | 120   | ug/kg |            |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 10000  | 38    | 120   | ug/kg |            |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 11000  | 40    | 120   | ug/kg |            |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg | A-01a      |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 7200   | 33    | 100   | ug/kg |            |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 10000  | 100   | 320   | ug/kg |            |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 17000  | 120   | 370   | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 9700   | 33    | 100   | ug/kg |            |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 1900   | 37    | 110   | ug/kg |            |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 13000  | 45    | 140   | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 2400   | 33    | 100   | ug/kg |            |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 1.1   | 2.8   | ug/kg |            |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 460    | 46    | 140   | ug/kg |            |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 10000  | 110   | 330   | ug/kg |            |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 110    | 3.9   | 10    | ug/kg | RL-2       |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 2600   | 45    | 140   | ug/kg |            |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 3300   | 39    | 120   | ug/kg |            |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg |            |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 3900   | 33    | 100   | ug/kg |            |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 3500   | 52    | 160   | ug/kg |            |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 12000  | 660   | 2000  | ug/kg |            |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 7700   | 33    | 100   | ug/kg |            |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 6600   | 38    | 110   | ug/kg |            |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 6800   | 50    | 150   | ug/kg |            |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 1400   | 3.9   | 10    | ug/kg |            |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 14     | 0.78  | 2.0   | ug/kg |            |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 12     | 0.99  | 2.5   | ug/kg |            |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 18000  | 40    | 120   | ug/kg |            |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg |            |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 2.0    | 0.78  | 2.0   | ug/kg |            | I     |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 4.7    | 0.68  | 1.7   | ug/kg |            |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg |            |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg |            |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 330   | 1000  | ug/kg |            |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 36000  | 160   | 500   | ug/kg |            |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 29    | 89    | ug/kg |            |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 1.0   | 2.6   | ug/kg |            |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 820    | 33    | 100   | ug/kg |            |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 1500   | 63    | 190   | ug/kg |            |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 16000  | 140   | 430   | ug/kg |            |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 1700   | 33    | 100   | ug/kg |            |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 9200   | 33    | 100   | ug/kg | A-01a      |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 21000  | 110   | 340   | ug/kg |            |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 17000  | 110   | 340   | ug/kg |            |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 10000  | 45    | 140   | ug/kg |            |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 0.78  | 2.0   | ug/kg | A-01a      |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 15000  | 33    | 100   | ug/kg |            |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 6000   | 45    | 140   | ug/kg |            |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 6100   | 49    | 150   | ug/kg |            |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 5600   | 33    | 100   | ug/kg |            |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 9100   | 33    | 100   | ug/kg |            |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 3100   | 33    | 100   | ug/kg |            |       |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 2000   | 33    | 100   | ug/kg |            |       |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 12000  | 660   | 2000  | ug/kg |            |       |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trimethylbenzene | ND     | 660   | 2000  | ug/kg |            |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2,4-Trimethylbenzene | 8500   | 33    | 100   | ug/kg |            | M2    |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|------|------|-------|-------|-------|
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 66   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 820  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1200   | 370  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 21     | 7.8  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 33   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 33   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 4400   | 980  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1500   | 330  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 33   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.94 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 510    | 130  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 40   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 170    | 33   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 33   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 7.8  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 3.9  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 330  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 4500   | 1300 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 2000   | 33   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 770    | 33   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 9400   | 33   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1600   | 33   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 810    | 33   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1400   | 33   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 4700   | 33   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1600   | 7.8  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 2100   | 7.8  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 33   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 2400   | 33   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 3000   | 33   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 3500   | 33   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 52   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 8500   | 33   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 14000  | 30   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.66 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 400    | 33   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 8.9    | 0.78 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 240    | 2.0  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 4900   | 41   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 220    | 33   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 190    | 43   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 170    | 33   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 3200   | 33   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 6300   | 33   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 4700   | 33   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | ND     | 7.8  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 840    | 33   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2,4-Trimethylbenzene      | 1300   | 33   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1200 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 590  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 73   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 68   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 72   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 190  | 790  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 220  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 66   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 80   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 2.1  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 83   | 350  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 190  | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 7.5  | 25   | ug/kg | RL-2  | M1    |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 80   | 340  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 69   | 290  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|------|-------|-------|-------|-------|
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 93   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 68   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 89   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 7.5  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.9  | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 71   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.3  | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 590  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 300  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 52   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.9  | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 110  | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 250  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 200  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 200  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 81   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 81   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 88   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 120  | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1500 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 660  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 15   | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1800 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 590  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.8  | 6.0   | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 240  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 72   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 15   | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 7.5  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 590  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 2400 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 15   | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 15   | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 93   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 53   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | 5.9    | 1.5  | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0   | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|------|------|-------|-------|-------|
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.3  | 4.3  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 1.5  | 5.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 3.8  | 12   | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 73   | 310  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 77   | 330  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 15   | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       | M1    |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dibromo-3-chloropropane | ND     | 59   | 250  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 800  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 50   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 46   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 49   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 130  | 320  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 150  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 45   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 54   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.93 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 56   | 140  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 130  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 3.3  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 54   | 140  | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 47   | 120  | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 63   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 46   | 110  | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 60   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 3.3  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.84 | 2.5  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 48   | 120  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.57 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 400  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 200  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 36   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.85 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 77   | 190  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 170  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 55   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 55   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 60   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 800  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 80   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 1000 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 450  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 6.6  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 40   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 0.66 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB)     | ND     | 1200 | 3000 | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|-------------------------|--------|---------|----------|-------|-------|-------|
| PNL-F04-17 & 17.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 400     | 1000     | ug/kg |       |       |
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg | RL-2  |       |
| PNL-F05-17-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.80    | 2.4      | ug/kg |       |       |
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 160     | 400      | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 49      | 120      | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 6.6     | 20       | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 3.3     | 10       | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 400     | 1000     | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 1600    | 4000     | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 6.6     | 20       | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 6.6     | 20       | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 63      | 160      | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 36      | 90       | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.56    | 1.7      | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 0.66    | 2.0      | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 1.6     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 50      | 120      | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 52      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 6.6     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dibromoethane (EDB) | ND     | 40      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 640     | 2000     | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 1800000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 320     | 1000     | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 7200000 | 13000000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 32      | 100      | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 16000   | 20000    | ug/kg | RL-2  |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 40      | 120      | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 37      | 120      | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 39      | 120      | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 0.95    | 2.0      | ug/kg | A-01a |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 260     | 330      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 32      | 100      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 6500    | 8300     | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 100     | 320      | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 120     | 370      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 32      | 100      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 5200    | 6700     | ug/kg | RL-2  |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 36      | 110      | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 44      | 140      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 32      | 100      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 6500    | 8300     | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 1.3     | 2.8      | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 45      | 140      | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 100     | 330      | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 4.8     | 10       | ug/kg | RL-2  |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Dichlorobenzene     | ND     | 5200    | 6700     | ug/kg | RL-1  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 43      | 140      | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 37      | 120      | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 0.95    | 2.0      | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene     | ND     | 32      | 100      | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|-------|-------|-------|-------|
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 31000 | 40000 | ug/kg | RL-2  |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 50    | 160   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 640   | 2000  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 16000 | 20000 | ug/kg | RL-2  |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 37    | 110   | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 48    | 150   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 4.8   | 10    | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 2600  | 3300  | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-1  |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 1.2   | 2.5   | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 39    | 120   | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.83  | 1.7   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 320   | 1000  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330   | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 160   | 500   | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 28    | 89    | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 1.2   | 2.6   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 6500  | 8300  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 61    | 190   | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 140   | 430   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg | A-01a |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 26000 | 33000 | ug/kg | RL-2  |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 110   | 340   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 110   | 340   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 44    | 140   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg | A-01a |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 1300  | 1700  | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 31000 | 40000 | ug/kg | RL-2  |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 44    | 140   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 48    | 150   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 3900  | 5000  | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2-Dichlorobenzene | 130    | 32    | 100   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 7800  | 10000 | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 640   | 2000  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 640   | 2000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 9800  | 12000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 39000 | 50000 | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 64    | 200   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 6500  | 8300  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 800   | 2500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 20000 | 25000 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 360   | 1100  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 9.5   | 20    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 13000 | 17000 | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 3900  | 5000  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 950   | 3000  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 320   | 1000  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 26000 | 33000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 1300  | 1700  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 1.1   | 2.4   | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 130   | 400   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 2000  | 2500  | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 1300  | 1700  | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 39    | 120   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 1300  | 1700  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|--------|-------|------------|-------|
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330    | ug/kg |            |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 9.5   | 20     | ug/kg |            |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 9800  | 12000  | ug/kg |            |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 4.8   | 10     | ug/kg |            |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330    | ug/kg |            |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330    | ug/kg |            |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 320   | 1000   | ug/kg |            |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg |            |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 1300  | 4000   | ug/kg |            |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330    | ug/kg |            |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 98000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 78000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 7800  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 9.5   | 20     | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 16000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 9.5   | 20     | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 16000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            | M2    |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 78000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg | RL-2       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | 350    | 32    | 100    | ug/kg |            |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | 160    | 32    | 100    | ug/kg |            |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 50    | 160    | ug/kg | RL-2       |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 13000 | 17000  | ug/kg | RL-2       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 29    | 90     | ug/kg |            |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 390   | 500    | ug/kg | RL-1       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 260   | 330    | ug/kg |            |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 390   | 500    | ug/kg | RL-1       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 3900  | 5000   | ug/kg | RL-1       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.81  | 1.7    | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 520   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 0.95  | 2.0    | ug/kg |            |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 2.4   | 5.0    | ug/kg |            |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 1300  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 40    | 120    | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 13000 | 17000  | ug/kg | RL-2       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 42    | 130    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 13000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 10000 | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 9.5   | 20     | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 6500  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 7800  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichlorobenzene | ND     | 32    | 100    | ug/kg |            |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 820   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 410   | 1000   | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 51    | 120    | ug/kg |            |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 48    | 120    | ug/kg |            |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 50    | 120    | ug/kg |            |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|------|-------|-------|-------|
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 130  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 150  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 46   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 56   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.82 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 58   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 130  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 2.9  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 55   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 48   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 65   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 820  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 47   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 62   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 2.9  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.74 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 50   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.50 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 410  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 200  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 36   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.75 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 79   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 180  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 56   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 56   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 61   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 820  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 820  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 82   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 1000 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 460  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 1200 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 410  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.70 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 160  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 50   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 2.9  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 410  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 1600 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloroethane | ND     | 41   | 100  | ug/kg |       |       |



**Table E-1**  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|------|------|-------|-------|-------|
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 65   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 37   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.49 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 1.4  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 51   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 53   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 5.8  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichloroethane  | ND     | 41   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 700  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 350  | 1000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 44   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 41   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 43   | 120  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 110  | 320  | ug/kg |       |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 130  | 370  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 39   | 110  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 48   | 140  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.42 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 49   | 140  | ug/kg |       |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 110  | 330  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 1.5  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 47   | 140  | ug/kg |       |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 41   | 120  | ug/kg |       |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 55   | 160  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 40   | 110  | ug/kg |       |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 53   | 150  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 1.5  | 10   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-09-10-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.38 | 2.5  | ug/kg |       |       |
| PNL-09-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 42   | 120  | ug/kg |       |       |
| PNL-09-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.26 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 350  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 180  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 31   | 89   | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.39 | 2.6  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-12-16-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 67   | 190  | ug/kg |       |       |
| PNL-12-18-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 150  | 430  | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 48   | 140  | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 0.30 | 2.0  | ug/kg | A-01a |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 48   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 52   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloropropane | ND     | 35   | 100  | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                          | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------------|--------|---------|----------|-------|-------|-------|
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 700     | 2000     | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 700     | 2000     | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 70      | 200      | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 880     | 2500     | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 390     | 1100     | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 3.0     | 20       | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 1000    | 3000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 350     | 1000     | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.36    | 2.4      | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 140     | 400      | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 43      | 120      | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 3.0     | 20       | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 1.5     | 10       | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 350     | 1000     | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 1400    | 4000     | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 3.0     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 3.0     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 55      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 32      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.26    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.30    | 2.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 0.75    | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 44      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 46      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 3.0     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       | M1    |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,2-Dichloropropane              | ND     | 35      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1100000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4400000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 12000   | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 5000    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 5000    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 24000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 12000   | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 2000    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 5000    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200     | 330      | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                          | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------------|--------|-------|--------|-------|------------|-------|
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 20000 | 33000  | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1000  | 1700   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 24000 | 40000  | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 3000  | 5000   | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 6000  | 10000  | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 7500  | 12000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 30000 | 50000  | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 5000  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 15000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 10000 | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 3000  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 20000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1500  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1000  | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 7500  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 20000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 20000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 30000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 30000 | 50000  | ug/kg | RL-2       | C     |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 75000 | 120000 | ug/kg | RL-2       | C     |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 30000 | 50000  | ug/kg | RL-2       | C     |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 60000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 30000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 6000  | 10000  | ug/kg | RL-2       | C, L  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 12000 | 20000  | ug/kg | RL-2       | L     |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 12000 | 20000  | ug/kg | RL-2       | L     |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 60000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 20000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 300   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 200   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 300   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 3000  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 400   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 10000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       | C, L  |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 8000  | 13000  | ug/kg | RL-2       | C, L  |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       | C, L  |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 5000  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 6000  | 10000  | ug/kg | RL-2       | C, L  |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 1,2-Diphenylhydrazine/Azobenzene | ND     | 4000  | 6700   | ug/kg | RL-2       | C, L  |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | ND     | 600   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | ND     | 300   | 1000   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 2900   | 30    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3000   | 37    | 120    | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3400   | 35    | 120    | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3600   | 36    | 120    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | ND     | 0.63  | 2.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 2300   | 30    | 100    | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3100   | 95    | 320    | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 5200   | 110   | 370    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3200   | 30    | 100    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 580    | 34    | 110    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 4300   | 41    | 140    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 880    | 30    | 100    | ug/kg |            |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | ND     | 0.89  | 2.8    | ug/kg |            |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 140    | 42    | 140    | ug/kg |            |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3500   | 98    | 330    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 31     | 3.2   | 10     | ug/kg | RL-2       |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 720    | 41    | 140    | ug/kg |            |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 650    | 35    | 120    | ug/kg |            |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | ND     | 0.63  | 2.0    | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 1100   | 30    | 100    | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 500    | 47    | 160    | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3000   | 600   | 2000   | ug/kg |            |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 2500   | 30    | 100    | ug/kg |            |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 2100   | 34    | 110    | ug/kg |            |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 620    | 45    | 150    | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 280    | 3.2   | 10     | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene           | 3.5    | 0.63  | 2.0    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|------|-------|-------|-------|
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 3.3    | 0.80 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 6000   | 36   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.55 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 15000  | 150  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 27   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.81 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 300    | 30   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 57   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 5000   | 130  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 540    | 30   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 3500   | 30   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 9300   | 100  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 6000   | 100  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 4100   | 41   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 4100   | 30   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1500   | 41   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1700   | 45   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 2000   | 30   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 3000   | 30   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 740    | 30   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 470    | 30   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 3500   | 600  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 600  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 4100   | 30   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 60   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 750  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 330  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 6.3  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 890  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.76 | 2.4  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 120  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 36   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 6.3  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 3.2  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 1200 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 350    | 30   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 170    | 30   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 3900   | 30   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 360    | 30   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 160    | 30   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 120    | 30   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1600   | 30   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 580    | 6.3  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 570    | 6.3  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 740    | 30   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1200   | 30   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1100   | 30   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 47   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 860    | 30   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 2200   | 27   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.54 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 0.63 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 79     | 1.6  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1600   | 37   | 120  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|------------------------|--------|---------|----------|-------|-------|-------|
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 39      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 30      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 990    | 30      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1900   | 30      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 1300   | 30      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3,5-Trimethylbenzene | ND     | 6.3     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 230    | 30      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3,5-Trimethylbenzene | 360    | 30      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 620     | 2000     | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 1900000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 310     | 1000     | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 7600000 | 13000000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 16000   | 20000    | ug/kg | RL-2  |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 39      | 120      | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 36      | 120      | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 38      | 120      | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg | A-01a |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 260     | 330      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 6500    | 8300     | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 98      | 320      | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 110     | 370      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 5200    | 6700     | ug/kg | RL-2  |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 35      | 110      | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 42      | 140      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 6500    | 8300     | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 1.2     | 2.8      | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 44      | 140      | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 100     | 330      | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 4.2     | 10       | ug/kg | RL-2  |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 5200    | 6700     | ug/kg | RL-1  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 42      | 140      | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 36      | 120      | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 31000   | 40000    | ug/kg | RL-2  |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 49      | 160      | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 620     | 2000     | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 16000   | 20000    | ug/kg | RL-2  |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 36      | 110      | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 47      | 150      | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 4.2     | 10       | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 2600    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 5200    | 6700     | ug/kg | RL-1  |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 1.1     | 2.5      | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 38      | 120      | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       | I     |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.73    | 1.7      | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 310     | 1000     | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 260     | 330      | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 160     | 500      | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 28      | 89       | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 1.1     | 2.6      | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 6500    | 8300     | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 59      | 190      | ug/kg |       |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 130     | 430      | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 260     | 330      | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg | A-01a |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 26000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 110     | 340      | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 110     | 340      | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 42      | 140      | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 0.84    | 2.0      | ug/kg | A-01a |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 1300    | 1700     | ug/kg | RL-1  |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 31000   | 40000    | ug/kg | RL-2  |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 43      | 140      | ug/kg |       |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 46      | 150      | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 5200    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 3900    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8260B | 1,3-Dichlorobenzene    | ND     | 31      | 100      | ug/kg |       |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8270C | 1,3-Dichlorobenzene    | ND     | 7800    | 10000    | ug/kg | RL-2  |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL     | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|--------|-------|-------|-------|
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 620   | 2000   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700   | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 620   | 2000   | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 9800  | 12000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 62    | 200    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 6500  | 8300   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 780   | 2500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 20000 | 25000  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 350   | 1100   | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 8.4   | 20     | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 13000 | 17000  | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 3900  | 5000   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 920   | 3000   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 310   | 1000   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 1300  | 1700   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 1.0   | 2.4    | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 120   | 400    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 2000  | 2500   | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 1300  | 1700   | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 38    | 120    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 1300  | 1700   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 8.4   | 20     | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 9800  | 12000  | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 4.2   | 10     | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 310   | 1000   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 1200  | 4000   | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 98000 | 120000 | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 78000 | 100000 | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 39000 | 50000  | ug/kg | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 7800  | 10000  | ug/kg | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 8.4   | 20     | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 16000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 8.4   | 20     | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 16000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       | M2    |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 78000 | 100000 | ug/kg | RL-2  |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 26000 | 33000  | ug/kg | RL-2  |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 49    | 160    | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100    | ug/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 13000 | 17000  | ug/kg | RL-2  |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 28    | 90     | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 390   | 500    | ug/kg | RL-1  |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 260   | 330    | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|-------|-------|------------|-------|
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 390   | 500   | ug/kg | RL-1       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 3900  | 5000  | ug/kg | RL-1       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.71  | 1.7   | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 520   | 670   | ug/kg | RL-1       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 0.84  | 2.0   | ug/kg |            |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 2.1   | 5.0   | ug/kg |            |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 1300  | 1700  | ug/kg | RL-2       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 39    | 120   | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 13000 | 17000 | ug/kg | RL-2       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 40    | 130   | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 13000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 10000 | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 8.4   | 20    | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 6500  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 7800  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3-Dichlorobenzene | ND     | 31    | 100   | ug/kg |            |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | 1,3-Dichlorobenzene | ND     | 5200  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 720   | 2000  | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 360   | 1000  | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 45    | 120   | ug/kg |            |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 42    | 120   | ug/kg |            |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 44    | 120   | ug/kg |            |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg | A-01a      |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 110   | 320   | ug/kg |            |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 130   | 370   | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 40    | 110   | ug/kg |            |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 49    | 140   | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.89  | 2.8   | ug/kg |            |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 51    | 140   | ug/kg |            |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 120   | 330   | ug/kg |            |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 3.2   | 10    | ug/kg | RL-2       |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 49    | 140   | ug/kg |            |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 42    | 120   | ug/kg |            |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 57    | 160   | ug/kg |            |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 720   | 2000  | ug/kg |            |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 41    | 110   | ug/kg |            |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 54    | 150   | ug/kg |            |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 3.2   | 10    | ug/kg |            |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.80  | 2.5   | ug/kg |            |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 44    | 120   | ug/kg |            |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.55  | 1.7   | ug/kg |            |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg |            |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 360   | 1000  | ug/kg |            |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 180   | 500   | ug/kg |            |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 32    | 89    | ug/kg |            |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.81  | 2.6   | ug/kg |            |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 69    | 190   | ug/kg |            |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 160   | 430   | ug/kg |            |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg | A-01a      |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 120   | 340   | ug/kg |            |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 120   | 340   | ug/kg |            |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 49    | 140   | ug/kg |            |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63  | 2.0   | ug/kg | A-01a      |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36    | 100   | ug/kg |            |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 50    | 140   | ug/kg |            |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 54    | 150   | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|-------|-------|
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 720     | 2000     | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 720     | 2000     | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 72      | 200      | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 900     | 2500     | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 400     | 1100     | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 6.3     | 20       | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 1100    | 3000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 360     | 1000     | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.76    | 2.4      | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 140     | 400      | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 44      | 120      | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 6.3     | 20       | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 3.2     | 10       | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 360     | 1000     | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 1400    | 4000     | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 6.3     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 6.3     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 57      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 33      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.54    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 0.63    | 2.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 1.6     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 45      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 47      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 6.3     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,3-Dichloropropane | ND     | 36      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 680     | 2000     | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1600000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 340     | 1000     | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6400000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34      | 100      | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 15000   | 20000    | ug/kg | RL-2  |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 42      | 120      | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 39      | 120      | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 41      | 120      | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94    | 2.0      | ug/kg | A-01a |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34      | 100      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6200    | 8300     | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 110     | 320      | ug/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|-------|-------|-------|-------|
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 120   | 370   | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2  |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 38    | 110   | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 46    | 140   | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6200  | 8300  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1.3   | 2.8   | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 48    | 140   | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 110   | 330   | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 4.7   | 10    | ug/kg | RL-2  |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-1  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 46    | 140   | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 40    | 120   | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 30000 | 40000 | ug/kg | RL-2  |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 54    | 160   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 680   | 2000  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 15000 | 20000 | ug/kg | RL-2  |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 39    | 110   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 51    | 150   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 4.7   | 10    | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 2500  | 3300  | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-1  |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1.2   | 2.5   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 41    | 120   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.82  | 1.7   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 340   | 1000  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330   | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 170   | 500   | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 30    | 89    | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1.2   | 2.6   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6200  | 8300  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 65    | 190   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 150   | 430   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg | A-01a |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 25000 | 33000 | ug/kg | RL-2  |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 120   | 340   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 120   | 340   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 47    | 140   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg | A-01a |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1200  | 1700  | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 30000 | 40000 | ug/kg | RL-2  |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 47    | 140   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 51    | 150   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 3800  | 5000  | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 7500  | 10000 | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 680   | 2000  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 680   | 2000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 9400  | 12000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 38000 | 50000 | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 68    | 200   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6200  | 8300  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 850   | 2500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 19000 | 25000 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 380   | 1100  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 9.4   | 20    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 12000 | 17000 | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 3800  | 5000  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1000  | 3000  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 340   | 1000  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 25000 | 33000 | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL     | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|--------|-------|-------|-------|
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F05-17-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1.1   | 2.4    | ug/kg |       | I     |
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 140   | 400    | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1900  | 2500   | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 41    | 120    | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1200  | 1700   | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 9.4   | 20     | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 9400  | 12000  | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 4.7   | 10     | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 340   | 1000   | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 25000 | 33000  | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 1400  | 4000   | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 25000 | 33000  | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 94000 | 120000 | ug/kg | RL-2  |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 75000 | 100000 | ug/kg | RL-2  |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 7500  | 10000  | ug/kg | RL-2  |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 9.4   | 20     | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 15000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 9.4   | 20     | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 15000 | 20000  | ug/kg | RL-2  |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       | M2    |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 75000 | 100000 | ug/kg | RL-2  |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 25000 | 33000  | ug/kg | RL-2  |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 54    | 160    | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 12000 | 17000  | ug/kg | RL-2  |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 31    | 90     | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 380   | 500    | ug/kg | RL-1  |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 380   | 500    | ug/kg | RL-1  |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 3800  | 5000   | ug/kg | RL-1  |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.80  | 1.7    | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 500   | 670    | ug/kg | RL-1  |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 0.94  | 2.0    | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 2.4   | 5.0    | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 42    | 120    | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 12000 | 17000  | ug/kg | RL-2  |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 44    | 130    | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 12000 | 17000  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100    | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|-------|-------|------------|-------|
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 10000 | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 9.4   | 20    | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 6200  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 7500  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 1,4-Dichlorobenzene | ND     | 34    | 100   | ug/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 1,4-Dichlorobenzene | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 540   | 2000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 270   | 1000  | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 34    | 120   | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 31    | 120   | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 33    | 120   | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 85    | 320   | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 99    | 370   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 30    | 110   | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 37    | 140   | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.63  | 2.8   | ug/kg |            |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 38    | 140   | ug/kg |            |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 88    | 330   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 2.2   | 10    | ug/kg | RL-2       |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 36    | 140   | ug/kg |            |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 32    | 120   | ug/kg |            |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 43    | 160   | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 540   | 2000  | ug/kg |            |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 31    | 110   | ug/kg |            |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 41    | 150   | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 2.2   | 10    | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.57  | 2.5   | ug/kg |            |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 33    | 120   | ug/kg |            |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.39  | 1.7   | ug/kg |            |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 270   | 1000  | ug/kg |            |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 140   | 500   | ug/kg |            |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 24    | 89    | ug/kg |            |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.58  | 2.6   | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 52    | 190   | ug/kg |            |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 120   | 430   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg | A-01a      |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 93    | 340   | ug/kg |            |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 93    | 340   | ug/kg |            |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 37    | 140   | ug/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg | A-01a      |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 37    | 140   | ug/kg |            |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 40    | 150   | ug/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 540   | 2000  | ug/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 540   | 2000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 54    | 200   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 680   | 2500  | ug/kg |            |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 300   | 1100  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 4.5   | 20    | ug/kg |            |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg |            |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            | C     |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 800   | 3000  | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 270   | 1000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 27    | 100   | ug/kg | RL-2       |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.54  | 2.4   | ug/kg |            |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 110   | 400   | ug/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 0.45  | 2.0   | ug/kg |            |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2,2-Dichloropropane | ND     | 33    | 120   | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|---------|----------|-------|-------|-------|
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 4.5     | 20       | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 2.2     | 10       | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 270     | 1000     | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 1100    | 4000     | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 4.5     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 4.5     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 43      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 24      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.38    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 0.45    | 2.0      | ug/kg |       | C     |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 1.1     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 34      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 35      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 4.5     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 2,2-Dichloropropane   | ND     | 27      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 1400000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 5600000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 11000   | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 11000   | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 1800    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 18000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 900     | 1700     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 2700    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 5400    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 6800    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 27000   | 50000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 14000   | 25000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 9000    | 17000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 2700    | 5000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 18000   | 33000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 900     | 1700     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 1400    | 2500     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 900     | 1700     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 900     | 1700     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|---------|----------|-------|------------|-------|
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 6800    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 68000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 180     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 2700    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 360     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 7200    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 4500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4,5-Trichlorophenol | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1300000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 3000    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 30000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 75000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 12000   | 20000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|---------|----------|-------|------------|-------|
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 200     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 3000    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 400     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 8000    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 5000    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4,6-Trichlorophenol | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 3000    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 30000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 75000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 200     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 3000    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 400     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4-Dichlorophenol    | ND     | 10000   | 17000    | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL       | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|----------|----------|-------|------------|-------|
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 8000     | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 5000     | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 6000     | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dichlorophenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 870000   | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 3500000  | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 12000    | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 5000     | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 5000     | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 24000    | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 12000    | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 2000     | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 5000     | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 20000    | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1000     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 24000    | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 3000     | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 6000     | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 7500     | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 30000    | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 5000     | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 15000    | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 10000    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 3000     | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 20000    | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1000     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1500     | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1000     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1000     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 7500     | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 20000    | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 20000    | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 30000    | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 30000    | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 75000    | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 30000    | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 60000    | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 30000    | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 6000     | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 12000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 12000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 60000    | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 20000    | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 10000    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 300      | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 200      | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 300      | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 3000     | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 400      | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 1000     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 10000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 10000    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 8000     | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 5000     | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 6000     | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dimethylphenol | ND     | 4000     | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2500000  | 4200000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 10000000 | 17000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 8400     | 25000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140      | 420      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 3500     | 10000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800     | 8300     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 3500     | 10000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800     | 8300     | ug/kg | RL-1       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|------------|-------|
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 17000   | 50000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 8400    | 25000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 1400    | 4200     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 3500    | 10000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 14000   | 42000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 700     | 2100     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 17000   | 50000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2100    | 6300     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 4200    | 13000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 5200    | 16000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 21000   | 63000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 3500    | 10000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 10000   | 31000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 7000    | 21000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2100    | 6300     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 14000   | 42000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 700     | 2100     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 1000    | 3100     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 700     | 2100     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 700     | 2100     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 5200    | 16000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 14000   | 42000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 14000   | 42000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 21000   | 63000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 21000   | 63000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 53000   | 160000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 21000   | 63000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 42000   | 130000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 21000   | 63000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 4200    | 13000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 8400    | 25000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 8400    | 25000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 42000   | 130000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 14000   | 42000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 7000    | 21000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 210     | 630      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 140     | 420      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 210     | 630      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2100    | 6300     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 280     | 830      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 700     | 2100     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 7000    | 21000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 7000    | 21000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 5600    | 17000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 3500    | 10000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 4200    | 13000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dinitrophenol  | ND     | 2800    | 8300     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1300000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 3200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|------------|-------|
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 32000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,4-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1400000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 5600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 3200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 32000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene | ND     | 210     | 330      | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|------------|-------|
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 210     | 330      | ug/kg | RL-1       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2,6-Dinitrotoluene  | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 980000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 3900000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 3000    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 30000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 75000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 6000    | 10000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|------------|-------|
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 200     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 3000    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 400     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 8000    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 5000    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Chloronaphthalene | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1600000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 6400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chlorophenol      | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chlorophenol      | ND     | 5800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chlorophenol      | ND     | 5800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chlorophenol      | ND     | 28000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chlorophenol      | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chlorophenol      | ND     | 2300    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chlorophenol      | ND     | 5800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 23000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1200    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Chlorophenol      | ND     | 28000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chlorophenol      | ND     | 3500    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Chlorophenol      | ND     | 6900    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chlorophenol      | ND     | 8600    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Chlorophenol      | ND     | 35000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 5800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 17000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 3400    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 23000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1700    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1200    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 8600    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 23000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Chlorophenol      | ND     | 23000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chlorophenol      | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chlorophenol      | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chlorophenol      | ND     | 86000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Chlorophenol      | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 69000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chlorophenol      | ND     | 6900    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chlorophenol      | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Chlorophenol      | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Chlorophenol      | ND     | 69000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 23000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chlorophenol      | ND     | 340     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chlorophenol      | ND     | 230     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chlorophenol      | ND     | 340     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chlorophenol      | ND     | 3400    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Chlorophenol      | ND     | 460     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Chlorophenol      | ND     | 12000   | 17000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte         | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------|--------|-------|-------|-------|------------|-------|
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Chlorophenol  | ND     | 12000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Chlorophenol  | ND     | 4600  | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Chlorophenol  | ND     | 9200  | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Chlorophenol  | ND     | 4600  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Chlorophenol  | ND     | 5800  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Chlorophenol  | ND     | 6900  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Chlorophenol  | ND     | 4600  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 640   | 5000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 320   | 2500  | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 40    | 310   | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 37    | 290   | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 39    | 300   | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 100   | 790   | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 120   | 920   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 36    | 280   | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 44    | 340   | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 1.2   | 7.0   | ug/kg |            |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 45    | 350   | ug/kg |            |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 100   | 820   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 4.4   | 25    | ug/kg | RL-2       |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 43    | 340   | ug/kg |            |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 37    | 290   | ug/kg |            |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 50    | 390   | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 640   | 5000  | ug/kg |            |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 37    | 290   | ug/kg |            |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 48    | 380   | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 4.4   | 25    | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 1.1   | 6.3   | ug/kg |            |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 39    | 300   | ug/kg |            |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.76  | 4.3   | ug/kg |            |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 320   | 2500  | ug/kg |            |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 160   | 1200  | ug/kg |            |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 28    | 220   | ug/kg |            |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 2-Chlorotoluene | ND     | 1.1   | 6.4   | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 61    | 480   | ug/kg |            |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 140   | 1100  | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg | A-01a      |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 110   | 860   | ug/kg |            |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 110   | 860   | ug/kg |            |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 44    | 340   | ug/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg | A-01a      |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 44    | 340   | ug/kg |            |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 2-Chlorotoluene | ND     | 48    | 370   | ug/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 2-Chlorotoluene | ND     | 640   | 5000  | ug/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2-Chlorotoluene | ND     | 640   | 5000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 64    | 500   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 800   | 6200  | ug/kg |            |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 360   | 2800  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene | ND     | 8.7   | 50    | ug/kg |            |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 950   | 7400  | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 320   | 2500  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg | RL-2       |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 1.1   | 6.0   | ug/kg |            | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 130   | 1000  | ug/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | 2-Chlorotoluene | ND     | 39    | 300   | ug/kg |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | 2-Chlorotoluene | ND     | 32    | 250   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene | ND     | 0.87  | 5.0   | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|-------|-------|
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 8.7     | 50       | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 4.4     | 25       | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 320     | 2500     | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 1300    | 10000    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 8.7     | 50       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 8.7     | 50       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 50      | 390      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 29      | 230      | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.74    | 4.3      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 0.87    | 5.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 2.2     | 12       | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 40      | 310      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 42      | 330      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 8.7     | 50       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | 2-Chlorotoluene     | ND     | 32      | 250      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 980000  | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 3900000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylnaphthalene | 21000  | 14000   | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Methylnaphthalene | 11000  | 4600    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 28000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylnaphthalene | 29000  | 14000   | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 2300    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 23000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1200    | 1700     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 28000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylnaphthalene | 8400   | 3500    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 6900    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 8600    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 35000   | 50000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 17000   | 25000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 12000   | 17000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 3400    | 5000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 23000   | 33000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1200    | 1700     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1700    | 2500     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1200    | 1700     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1200    | 1700     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 8600    | 12000    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|------------|-------|
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 23000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 23000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylnaphthalene | 64000  | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 86000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 69000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 34000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 6900    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 69000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | 63000  | 23000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | 17000  | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 340     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 230     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 340     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 3400    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 460     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Methylnaphthalene | 58000  | 12000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Methylnaphthalene | 15000  | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Methylnaphthalene | 15000  | 9200    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Methylnaphthalene | 18000  | 4600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 5800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 6900    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Methylnaphthalene | ND     | 4600    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 1400000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 5600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylphenol      | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylphenol      | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylphenol      | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylphenol      | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylphenol      | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylphenol      | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylphenol      | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylphenol      | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Methylphenol      | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Methylphenol      | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylphenol      | ND     | 3200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Methylphenol      | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Methylphenol      | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylphenol      | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Methylphenol      | ND     | 32000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Methylphenol      | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Methylphenol      | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylphenol      | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylphenol      | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylphenol      | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Methylphenol      | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylphenol      | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylphenol      | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Methylphenol      | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Methylphenol      | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol      | ND     | 21000   | 33000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|---------|----------|-------|------------|-------|
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylphenol | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Methylphenol | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Methylphenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Methylphenol | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Methylphenol | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Methylphenol | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 1600000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 6400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitroaniline | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitroaniline | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitroaniline | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitroaniline | ND     | 26000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitroaniline | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitroaniline | ND     | 2200    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitroaniline | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 22000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 1100    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitroaniline | ND     | 26000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitroaniline | ND     | 3300    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Nitroaniline | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitroaniline | ND     | 8200    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitroaniline | ND     | 33000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 11000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 3300    | 5000     | ug/kg |            | C     |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 1100    | 1700     | ug/kg | RL-2       | C     |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 1100    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 1100    | 1700     | ug/kg |            | C     |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 8200    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Nitroaniline | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitroaniline | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitroaniline | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitroaniline | ND     | 83000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitroaniline | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 66000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitroaniline | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitroaniline | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitroaniline | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitroaniline | ND     | 66000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 22000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 11000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitroaniline | ND     | 330     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitroaniline | ND     | 220     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitroaniline | ND     | 330     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitroaniline | ND     | 3300    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitroaniline | ND     | 440     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 1100    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitroaniline | ND     | 11000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Nitroaniline | ND     | 11000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Nitroaniline | ND     | 8800    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Nitroaniline | ND     | 4400    | 6700     | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|---------|----------|-------|------------|-------|
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Nitroaniline        | ND     | 5500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Nitroaniline        | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Nitroaniline        | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1200000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 4800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitrophenol         | ND     | 16000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitrophenol         | ND     | 6500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitrophenol         | ND     | 6500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitrophenol         | ND     | 31000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitrophenol         | ND     | 16000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitrophenol         | ND     | 2600    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitrophenol         | ND     | 6500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 26000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1300    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 2-Nitrophenol         | ND     | 31000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitrophenol         | ND     | 3900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 2-Nitrophenol         | ND     | 7800    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitrophenol         | ND     | 9800    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 2-Nitrophenol         | ND     | 39000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 6500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 20000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 13000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 3900    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 26000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1300    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 2000    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1300    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1300    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 9800    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 26000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 2-Nitrophenol         | ND     | 26000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitrophenol         | ND     | 39000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitrophenol         | ND     | 39000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitrophenol         | ND     | 98000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 2-Nitrophenol         | ND     | 39000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 78000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 39000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitrophenol         | ND     | 7800    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitrophenol         | ND     | 16000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 2-Nitrophenol         | ND     | 16000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 2-Nitrophenol         | ND     | 78000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 26000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 13000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitrophenol         | ND     | 390     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitrophenol         | ND     | 260     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitrophenol         | ND     | 390     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitrophenol         | ND     | 3900    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 2-Nitrophenol         | ND     | 520     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 1300    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 2-Nitrophenol         | ND     | 13000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 2-Nitrophenol         | ND     | 13000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Nitrophenol         | ND     | 10000   | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Nitrophenol         | ND     | 6500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 2-Nitrophenol         | ND     | 7800    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 2-Nitrophenol         | ND     | 5200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 970000  | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 3900000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 24000   | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 2000    | 8300     | ug/kg | RL-1       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte               | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------|--------|---------|----------|-------|------------|-------|
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 20000   | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1000    | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 24000   | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 3000    | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 6000    | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 7500    | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 30000   | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 15000   | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 10000   | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 3000    | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 20000   | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1000    | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1500    | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1000    | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1000    | 4200     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 7500    | 31000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 20000   | 83000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 20000   | 83000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 30000   | 120000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 30000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 75000   | 310000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 30000   | 120000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 60000   | 250000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 30000   | 120000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 6000    | 25000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 60000   | 250000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 20000   | 83000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 10000   | 42000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 300     | 1200     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 200     | 830      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 300     | 1200     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 3000    | 12000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 400     | 1700     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 1000    | 4200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 10000   | 42000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 10000   | 42000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 8000    | 33000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 5000    | 21000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 6000    | 25000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 3,3-Dichlorobenzidine | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline        | ND     | 1300000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline        | ND     | 5200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3-Nitroaniline        | ND     | 8400    | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 3-Nitroaniline        | ND     | 140     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3-Nitroaniline        | ND     | 3500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3-Nitroaniline        | ND     | 3500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3-Nitroaniline        | ND     | 17000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3-Nitroaniline        | ND     | 8400    | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 3-Nitroaniline        | ND     | 1400    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 3-Nitroaniline        | ND     | 140     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 3-Nitroaniline        | ND     | 3500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 3-Nitroaniline        | ND     | 140     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 3-Nitroaniline        | ND     | 14000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 3-Nitroaniline        | ND     | 700     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 3-Nitroaniline        | ND     | 17000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2100    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 3-Nitroaniline        | ND     | 4200    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 3-Nitroaniline        | ND     | 2800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3-Nitroaniline        | ND     | 5200    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 3-Nitroaniline        | ND     | 21000   | 50000    | ug/kg | RL-1       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|-------|--------|-------|------------|-------|
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline | ND     | 3500  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline | ND     | 10000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 7000  | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 2100  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 14000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 700   | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 1000  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 700   | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 700   | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 5200  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 14000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 3-Nitroaniline | ND     | 14000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3-Nitroaniline | ND     | 21000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3-Nitroaniline | ND     | 21000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3-Nitroaniline | ND     | 53000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 3-Nitroaniline | ND     | 21000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 42000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 21000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3-Nitroaniline | ND     | 4200  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3-Nitroaniline | ND     | 8400  | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 3-Nitroaniline | ND     | 8400  | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 3-Nitroaniline | ND     | 42000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 14000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 7000  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3-Nitroaniline | ND     | 210   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3-Nitroaniline | ND     | 140   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 3-Nitroaniline | ND     | 210   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3-Nitroaniline | ND     | 2100  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 3-Nitroaniline | ND     | 280   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 2800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 2800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 700   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 3-Nitroaniline | ND     | 7000  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 3-Nitroaniline | ND     | 7000  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 3-Nitroaniline | ND     | 2800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 3-Nitroaniline | ND     | 5600  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 3-Nitroaniline | ND     | 2800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 3-Nitroaniline | ND     | 3500  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 3-Nitroaniline | ND     | 4200  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 3-Nitroaniline | ND     | 2800  | 6700   | ug/kg | RL-2       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDD       | ND     | 37    | 120    | ug/kg | R-05       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.3   | 30     | ug/kg | C-06, R-05 |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDD       | ND     | 37    | 120    | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.3   | 30     | ug/kg | C-06, R-05 |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDD       | ND     | 37    | 120    | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A | 4,4'-DDD       | ND     | 370   | 1200   | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A | 4,4'-DDD       | ND     | 19    | 60     | ug/kg | C-06, R-05 |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A | 4,4'-DDD       | ND     | 9.0   | 160    | ug/kg |            | R-01  |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDE       | ND     | 13    | 40     | ug/kg | R-05       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A | 4,4'-DDE       | ND     | 3.2   | 10     | ug/kg | C-06, R-05 |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDE       | ND     | 13    | 40     | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A | 4,4'-DDE       | ND     | 3.2   | 10     | ug/kg | C-06, R-05 |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A | 4,4'-DDE       | ND     | 13    | 40     | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A | 4,4'-DDE       | 64     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A | 4,4'-DDE       | ND     | 6.5   | 20     | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A | 4,4'-DDE       | ND     | 130   | 400    | ug/kg | C-06, R-05 |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte  | Result | DL   | RL   | Units | LNOTE      | ANOTE     |
|--------------------------|-----------|---------------|--------------|----------------|----------|--------|------|------|-------|------------|-----------|
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | 4,4'-DDE | 93     | 6.5  | 20   | ug/kg | C-06, R-05 | CF1       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDE | ND     | 6.5  | 160  | ug/kg |            | R-01      |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | 4,4'-DDT | ND     | 37   | 120  | ug/kg | R-05       |           |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | 4,4'-DDT | ND     | 9.3  | 30   | ug/kg | C-06, R-05 |           |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | 4,4'-DDT | ND     | 37   | 120  | ug/kg | R-05       |           |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | 4,4'-DDT | 36     | 9.3  | 30   | ug/kg | C-06, R-05 |           |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | 4,4'-DDT | ND     | 37   | 120  | ug/kg | R-05       |           |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | 4,4'-DDT | ND     | 370  | 1200 | ug/kg | C-06, R-05 |           |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | 4,4'-DDT | ND     | 19   | 60   | ug/kg | C-06, R-05 |           |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | 4,4'-DDT | 170    | 5.0  | 160  | ug/kg |            | R-01      |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | 4,4'-DDT | ND     | 5.0  | 160  | ug/kg |            | R-01      |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDT | ND     | 5.0  | 160  | ug/kg |            | R-01      |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDT | 230    | 5.0  | 160  | ug/kg |            | CF1, R-01 |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDT | 210    | 5.0  | 160  | ug/kg |            | CF1, R-01 |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDT | ND     | 5.0  | 160  | ug/kg |            | R-01      |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | 4,4'-DDT | ND     | 5.0  | 160  | ug/kg |            | R-01      |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | 4,4'-DDT | ND     | 5.0  | 160  | ug/kg |            | R-01      |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 260  | 2500 | ug/kg | RL-1       | C-1a      |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 780  | 7500 | ug/kg | RL-1       | C-1a      |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 2.4  | 5.0  | ug/kg |            | C1a       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 24   | 50   | ug/kg |            |           |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 24   | 50   | ug/kg |            |           |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 30   | 62   | ug/kg |            |           |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 60   | 120  | ug/kg |            |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 48   | 100  | ug/kg | RL-1       | C1b       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 24   | 50   | ug/kg | RL-1       | C1b       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 130  | 1200 | ug/kg | RL-1       |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 10   | 100  | ug/kg | RL-1       | C-1a      |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 10   | 100  | ug/kg | RL-1       |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 26   | 250  | ug/kg | RL-1       |           |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 2.6  | 25   | ug/kg | RL-3       |           |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 5.2  | 50   | ug/kg | RL-1       |           |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 5.2  | 50   | ug/kg | RL-3       |           |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 65   | 620  | ug/kg | RL-3       |           |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 10   | 100  | ug/kg | RL-3       |           |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.78 | 7.5  | ug/kg |            | C-1       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            |           |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            |           |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 10   | 100  | ug/kg | RL-1       |           |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            | C-1       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            |           |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 10   | 100  | ug/kg | RL-1       |           |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            |           |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            |           |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 14   | 62   | ug/kg | RL-1       | C-1       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 14   | 62   | ug/kg | RL-1       | C-1       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 26   | 250  | ug/kg | C-7, RL-1  |           |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 1.3  | 12   | ug/kg | C-7        |           |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            | C-1a      |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.78 | 7.5  | ug/kg | RL-1       | C-1a      |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            | C-1       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.78 | 7.5  | ug/kg |            | C-1a      |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 1.3  | 12   | ug/kg |            | C-1       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg |            | C-1       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 1.6  | 15   | ug/kg | C-7        |           |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 16   | 150  | ug/kg | C-7, RL-1  |           |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 0.52 | 5.0  | ug/kg | C-7        |           |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 1.6  | 15   | ug/kg | C-7        |           |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 6.9  | 31   | ug/kg |            | C-1       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 6.9  | 31   | ug/kg | RL-1       | C-1       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 6.9  | 31   | ug/kg | RL-1       | C-1       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 6.9  | 31   | ug/kg | RL-1       | C-1       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 6.9  | 31   | ug/kg |            | C-1       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDD | ND     | 14   | 62   | ug/kg | RL-1       | C-1       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDD | 32     | 6.9  | 31   | ug/kg |            | C-1       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 280  | 2500 | ug/kg | RL-1       |           |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 860  | 7500 | ug/kg | RL-1       |           |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 2.3  | 5.0  | ug/kg |            |           |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 23   | 50   | ug/kg |            |           |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte  | Result | DL   | RL   | Units | LNOTE     | ANOTE     |
|--------------------------|-----------|---------------|--------------|----------------|----------|--------|------|------|-------|-----------|-----------|
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 23   | 50   | ug/kg |           |           |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 29   | 62   | ug/kg |           |           |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 58   | 120  | ug/kg |           |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 46   | 100  | ug/kg | RL-1      |           |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 23   | 50   | ug/kg | RL-1      |           |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 140  | 1200 | ug/kg | RL-1      |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 11   | 100  | ug/kg | RL-1      |           |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 11   | 100  | ug/kg | RL-1      |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 28   | 250  | ug/kg | RL-1      |           |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 2.8  | 25   | ug/kg | RL-3      |           |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 5.7  | 50   | ug/kg | RL-1      |           |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 5.7  | 50   | ug/kg | RL-3      |           |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 71   | 620  | ug/kg | RL-3      |           |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 11   | 100  | ug/kg | RL-3      |           |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.86 | 7.5  | ug/kg |           |           |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 11   | 100  | ug/kg | RL-1      |           |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 11   | 100  | ug/kg | RL-1      |           |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 15   | 62   | ug/kg | RL-1      |           |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 15   | 62   | ug/kg | RL-1      |           |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 28   | 250  | ug/kg | C-7, RL-1 |           |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 1.4  | 12   | ug/kg | C-7       |           |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.86 | 7.5  | ug/kg | RL-1      |           |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.86 | 7.5  | ug/kg |           |           |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | 27     | 1.4  | 12   | ug/kg |           |           |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg |           |           |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 1.7  | 15   | ug/kg | C-7       |           |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 17   | 150  | ug/kg | C-7, RL-1 |           |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 0.57 | 5.0  | ug/kg | C-7       |           |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 1.7  | 15   | ug/kg | C-7       |           |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 7.5  | 31   | ug/kg |           |           |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 7.5  | 31   | ug/kg | RL-1      |           |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 7.5  | 31   | ug/kg | RL-1      |           |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 7.5  | 31   | ug/kg | RL-1      |           |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDE | 34     | 7.5  | 31   | ug/kg |           |           |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 15   | 62   | ug/kg | RL-1      |           |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDE | ND     | 7.5  | 31   | ug/kg |           |           |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 500  | 2500 | ug/kg | RL-1      | C-2a      |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1500 | 7500 | ug/kg | RL-1      | C-2a      |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 2.6  | 5.0  | ug/kg |           | C-2d      |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 26   | 50   | ug/kg |           |           |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 26   | 50   | ug/kg |           |           |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 32   | 62   | ug/kg |           |           |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | 4,4'-DDT | 160    | 65   | 120  | ug/kg |           |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 52   | 100  | ug/kg | RL-1      | C-2       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 26   | 50   | ug/kg | RL-1      | C-2       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 250  | 1200 | ug/kg | RL-1      |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 20   | 100  | ug/kg | RL-1      | C-2a      |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 20   | 100  | ug/kg | RL-1      |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 50   | 250  | ug/kg | RL-1      | C-2       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 5.0  | 25   | ug/kg | RL-3      | C-2, M1   |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 10   | 50   | ug/kg | RL-1      | C-2       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 10   | 50   | ug/kg | RL-3      | C-2       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 120  | 620  | ug/kg | RL-3      | C-2       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 20   | 100  | ug/kg | RL-3      | C-2       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.5  | 7.5  | ug/kg |           | C-2       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           |           |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 20   | 100  | ug/kg | RL-1      |           |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 20   | 100  | ug/kg | RL-1      |           |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           |           |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 22   | 62   | ug/kg | RL-1      | C-2       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 22   | 62   | ug/kg | RL-1      | C-2       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 50   | 250  | ug/kg | C-7, RL-1 |           |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 2.5  | 12   | ug/kg | C-7       |           |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.5  | 7.5  | ug/kg | RL-1      | C-2       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2a      |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.5  | 7.5  | ug/kg |           | C-2       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | 17     | 2.5  | 12   | ug/kg |           | C-2a, R-1 |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg |           | C-2a, M2  |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 3.0  | 15   | ug/kg | C-7       |           |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 30   | 150  | ug/kg | C-7, RL-1 |           |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 1.0  | 5.0  | ug/kg | C-7       |           |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | 4,4'-DDT | ND     | 3.0  | 15   | ug/kg | C-7       |           |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte                    | Result | DL      | RL       | Units | LNOTE      | ANOTE      |
|--------------------------|-----------|---------------|--------------|----------------|----------------------------|--------|---------|----------|-------|------------|------------|
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | 4,4'-DDT                   | 45     | 11      | 31       | ug/kg |            | A-01a, C-2 |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDT                   | ND     | 11      | 31       | ug/kg | RL-1       | C-2        |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDT                   | ND     | 11      | 31       | ug/kg | RL-1       | C-2        |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | 4,4'-DDT                   | ND     | 11      | 31       | ug/kg | RL-1       | C-2        |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDT                   | ND     | 11      | 31       | ug/kg |            | C-2        |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | 4,4'-DDT                   | ND     | 22      | 62       | ug/kg | RL-1       | C-2        |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | 4,4'-DDT                   | 60     | 11      | 31       | ug/kg |            | C-2        |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 1100000 | 4200000  | ug/kg |            |            |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4400000 | 17000000 | ug/kg |            |            |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 10000   | 25000    | ug/kg | RL-2       |            |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4200    | 10000    | ug/kg |            |            |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4200    | 10000    | ug/kg |            |            |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-1       |            |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 20000   | 50000    | ug/kg | RL-2       |            |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 10000   | 25000    | ug/kg | RL-2       |            |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 1700    | 4200     | ug/kg | RL-1       |            |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-1       |            |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4200    | 10000    | ug/kg |            |            |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 17000   | 42000    | ug/kg | RL-2       |            |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 850     | 2100     | ug/kg | RL-1       |            |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 20000   | 50000    | ug/kg | RL-2       |            |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 2600    | 6300     | ug/kg | RL-2       |            |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 5100    | 13000    | ug/kg | RL-2       |            |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 6400    | 16000    | ug/kg |            |            |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 26000   | 63000    | ug/kg | RL-1       |            |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4200    | 10000    | ug/kg |            |            |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 13000   | 31000    | ug/kg |            |            |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 8500    | 21000    | ug/kg |            |            |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 2600    | 6300     | ug/kg |            |            |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 17000   | 42000    | ug/kg |            |            |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 850     | 2100     | ug/kg | RL-2       |            |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 1300    | 3100     | ug/kg | RL-2       |            |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 850     | 2100     | ug/kg | RL-2       |            |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 850     | 2100     | ug/kg |            |            |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 6400    | 16000    | ug/kg |            |            |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 17000   | 42000    | ug/kg |            |            |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 17000   | 42000    | ug/kg |            |            |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 26000   | 63000    | ug/kg | RL-2       |            |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 26000   | 63000    | ug/kg | RL-2       |            |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 64000   | 160000   | ug/kg | RL-2       |            |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 26000   | 63000    | ug/kg | RL-2       |            |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 51000   | 130000   | ug/kg | RL-2       |            |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 26000   | 63000    | ug/kg | RL-2       |            |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 5100    | 13000    | ug/kg | RL-2       |            |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 10000   | 25000    | ug/kg | RL-2       |            |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 10000   | 25000    | ug/kg | RL-2       |            |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 51000   | 130000   | ug/kg | RL-2       |            |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 17000   | 42000    | ug/kg | RL-2       |            |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 8500    | 21000    | ug/kg | RL-2       |            |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 260     | 630      | ug/kg | RL-1       |            |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 170     | 420      | ug/kg |            |            |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 260     | 630      | ug/kg | RL-1       |            |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 2600    | 6300     | ug/kg | RL-1       |            |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 340     | 830      | ug/kg | RL-1       |            |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 850     | 2100     | ug/kg | RL-2       |            |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 8500    | 21000    | ug/kg | RL-2       |            |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 8500    | 21000    | ug/kg |            |            |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 6800    | 17000    | ug/kg | RL-2       |            |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 4200    | 10000    | ug/kg | A-01, RL-1 |            |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 5100    | 13000    | ug/kg | RL-2       |            |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | 4,6-Dinitro-2-methylphenol | ND     | 3400    | 8300     | ug/kg | RL-2       |            |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 960000  | 3300000  | ug/kg |            |            |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 3800000 | 13000000 | ug/kg |            |            |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 11000   | 20000    | ug/kg | RL-2       |            |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |            |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 4800    | 8300     | ug/kg |            |            |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |            |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | 4-Bromophenyl phenyl ether | ND     | 4800    | 8300     | ug/kg |            |            |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                    | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 1900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 950     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 2900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 29000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 2800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 1400    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 950     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 71000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 190     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 2800    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 380     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 7600    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 4800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Bromophenyl phenyl ether | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 1300000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 5200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 210     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 3200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Chloro-3-methylphenol    | ND     | 6300    | 10000    | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------------|--------|---------|----------|-------|------------|-------|
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 32000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chloro-3-methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline         | ND     | 1400000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline         | ND     | 5600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloroaniline         | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloroaniline         | ND     | 150     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloroaniline         | ND     | 18000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloroaniline         | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloroaniline         | ND     | 1500    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chloroaniline         | ND     | 150     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chloroaniline         | ND     | 150     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloroaniline         | ND     | 15000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chloroaniline         | ND     | 750     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chloroaniline         | ND     | 18000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloroaniline         | ND     | 2300    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Chloroaniline         | ND     | 4500    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloroaniline         | ND     | 5600    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chloroaniline         | ND     | 23000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline         | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline         | ND     | 11000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline         | ND     | 7500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 2200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 15000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 750     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 1100    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 750     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chloroaniline         | ND     | 750     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline         | ND     | 150     | 330      | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL       | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|----------|----------|-------|------------|-------|
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 5600     | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 15000    | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Chloroaniline             | ND     | 15000    | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloroaniline             | ND     | 22000    | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloroaniline             | ND     | 22000    | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloroaniline             | ND     | 56000    | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chloroaniline             | ND     | 22000    | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloroaniline             | ND     | 45000    | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloroaniline             | ND     | 22000    | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloroaniline             | ND     | 4500     | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloroaniline             | ND     | 9000     | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chloroaniline             | ND     | 9000     | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chloroaniline             | ND     | 45000    | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 15000    | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 7500     | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloroaniline             | ND     | 220      | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloroaniline             | ND     | 150      | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloroaniline             | ND     | 220      | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloroaniline             | ND     | 2200     | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chloroaniline             | ND     | 300      | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3000     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3000     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 750      | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chloroaniline             | ND     | 7500     | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Chloroaniline             | ND     | 7500     | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chloroaniline             | ND     | 6000     | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3000     | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3800     | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chloroaniline             | ND     | 4500     | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chloroaniline             | ND     | 3000     | 6700     | ug/kg | RL-2       |       |
| PNL-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 980000   | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 39000000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 10000    | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 4200     | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 4200     | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 20000    | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 10000    | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 1700     | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 4200     | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 17000    | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 850      | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 20000    | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 2600     | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 5100     | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400     | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 6400     | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 26000    | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 4200     | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 13000    | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 8500     | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 2600     | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 17000    | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 850      | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 1300     | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 850      | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 850      | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 6400     | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 17000    | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 17000    | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170      | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 26000    | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 26000    | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 64000    | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 26000    | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 51000    | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 26000    | 50000    | ug/kg | RL-2       |       |



**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|-------|--------|-------|------------|-------|
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 5100  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 10000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 10000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 51000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 17000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 170   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 2600  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 340   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 850   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 8500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 6800  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 4200  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 5100  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Chlorophenyl phenyl ether | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 640   | 5000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 320   | 2500   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 40    | 310    | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 37    | 290    | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 39    | 300    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 100   | 790    | ug/kg |            |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 120   | 920    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 36    | 280    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 44    | 340    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 1.0   | 7.0    | ug/kg |            |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 45    | 350    | ug/kg |            |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 100   | 820    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 3.7   | 25     | ug/kg | RL-2       |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 43    | 340    | ug/kg |            |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 37    | 290    | ug/kg |            |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 50    | 390    | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 640   | 5000   | ug/kg |            |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 37    | 290    | ug/kg |            |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 48    | 380    | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 3.7   | 25     | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.94  | 6.3    | ug/kg |            |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 39    | 300    | ug/kg |            |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.64  | 4.3    | ug/kg |            |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 320   | 2500   | ug/kg |            |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 160   | 1200   | ug/kg |            |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 28    | 220    | ug/kg |            |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.95  | 6.4    | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 61    | 480    | ug/kg |            |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 140   | 1100   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg | A-01a      |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | 1200   | 110   | 860    | ug/kg |            |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 110   | 860    | ug/kg |            |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | 580    | 44    | 340    | ug/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 0.74  | 5.0    | ug/kg | A-01a      |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 44    | 340    | ug/kg |            |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 48    | 370    | ug/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 640   | 5000   | ug/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 640   | 5000   | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 32    | 250    | ug/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 64    | 500    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 800   | 6200   | ug/kg |            |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 360   | 2800   | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene             | ND     | 7.4   | 50     | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID           | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte         | Result | DL      | RL       | Units | LNOTE | ANOTE |
|---------------------|-----------|---------------|--------------|-----------|-----------------|--------|---------|----------|-------|-------|-------|
| PNL-F03-15-EC       | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-F04-11.5 & 14.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-F04-11-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F04-14-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       | I     |
| PNL-F04-16.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 950     | 7400     | ug/kg |       |       |
| PNL-F04-17 & 17.5   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 320     | 2500     | ug/kg |       |       |
| PNL-F05-14 & 14.5   | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg | RL-2  |       |
| PNL-F05-17-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.89    | 6.0      | ug/kg |       | I     |
| PNL-F06-10.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F06-12 & 14     | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 130     | 1000     | ug/kg |       |       |
| PNL-F06-5.5 & 11.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F07-11.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | 4-Chlorotoluene | ND     | 39      | 300      | ug/kg |       |       |
| PNL-F07-8.5 & 11    | VIII      | INF1737       | 06/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-F09-14          | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F17-10          | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F18-12          | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-F18-9.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 7.4     | 50       | ug/kg |       |       |
| PNL-F19-10.5        | VIII      | ING0001       | 06/30/04     | EPA 8260B | 4-Chlorotoluene | ND     | 3.7     | 25       | ug/kg |       |       |
| PNL-F21-11.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-F21-9.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 320     | 2500     | ug/kg |       |       |
| PNL-F25-19          | VIII      | ING0094       | 07/01/04     | EPA 8260B | 4-Chlorotoluene | ND     | 1300    | 10000    | ug/kg |       |       |
| PNL-F27-8.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-L1A             | IV        | INE1627       | 05/26/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L1B             | IV        | INE1627       | 05/26/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L2A             | IV        | INE1627       | 05/26/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L2B             | IV        | INE1627       | 05/26/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L3A             | IV        | INE1513       | 05/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L3B             | IV        | INE1513       | 05/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L4A             | IV        | INE1447       | 05/24/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-L4B             | IV        | INE1447       | 05/24/04     | EPA 8260B | 4-Chlorotoluene | ND     | 7.4     | 50       | ug/kg |       |       |
| PNL-L5A             | IV        | INE1447       | 05/24/04     | EPA 8260B | 4-Chlorotoluene | ND     | 7.4     | 50       | ug/kg |       |       |
| PNL-L5B             | IV        | INE1513       | 05/25/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       | M2    |
| PNL-PA1             | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-17-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-19-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PA1-21-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 50      | 390      | ug/kg | RL-2  |       |
| PNL-PB1             | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PB1-23.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 29      | 230      | ug/kg |       |       |
| PNL-PC1             | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PC1A            | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PD1             | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PD1-4-EC        | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PD1B            | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PE1             | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PE1-12-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PE1-7-EC        | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.63    | 4.3      | ug/kg |       |       |
| PNL-PG1             | V         | INF0844       | 06/14/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PH1-11          | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PH1-12.5        | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 0.74    | 5.0      | ug/kg |       |       |
| PNL-PH1-7           | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 1.8     | 12       | ug/kg |       |       |
| PNL-PH1-7-EC        | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 40      | 310      | ug/kg |       |       |
| PNL-PH1-8.5         | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-PH1-8.5-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | 4-Chlorotoluene | ND     | 42      | 330      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile  | III       | INE0965       | 05/17/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP02-Stockpile  | III       | INE1148       | 05/19/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP03-Stockpile  | III       | INE1250       | 05/20/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP04-Stockpile  | III       | INE1148       | 05/19/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP05-Stockpile  | III       | INE1120       | 05/18/04     | EPA 8260B | 4-Chlorotoluene | ND     | 7.4     | 50       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile  | III       | INE1120       | 05/18/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PNL-TP07-Stockpile  | III       | INE1250       | 05/20/04     | EPA 8260B | 4-Chlorotoluene | ND     | 32      | 250      | ug/kg |       |       |
| PIT-F-BOTTOM        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol  | ND     | 1100000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol  | ND     | 4400000 | 13000000 | ug/kg |       |       |
| PNL-01              | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Methylphenol  | ND     | 13000   | 20000    | ug/kg | RL-2  |       |
| PNL-02              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Methylphenol  | ND     | 210     | 330      | ug/kg |       |       |
| PNL-03              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Methylphenol  | ND     | 5200    | 8300     | ug/kg |       |       |
| PNL-04              | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-2  |       |
| PNL-05              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Methylphenol  | ND     | 5200    | 8300     | ug/kg |       |       |
| PNL-06              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-1  |       |
| PNL-07              | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Methylphenol  | ND     | 25000   | 40000    | ug/kg | RL-2  |       |
| PNL-08              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Methylphenol  | ND     | 13000   | 20000    | ug/kg | RL-2  |       |
| PNL-09              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Methylphenol  | ND     | 2100    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL         | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-1  |       |
| PNL-11              | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Methylphenol  | ND     | 210     | 330      | ug/kg |       |       |
| PNL-12              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Methylphenol  | ND     | 5200    | 8300     | ug/kg |       |       |
| PNL-12-FILL         | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Methylphenol  | ND     | 210     | 330      | ug/kg |       |       |
| PNL-13              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Methylphenol  | ND     | 21000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL         | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Methylphenol  | ND     | 1000    | 1700     | ug/kg | RL-1  |       |
| PNL-14              | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Methylphenol  | ND     | 25000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile  | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile  | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Methylphenol  | ND     | 3200    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile  | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Methylphenol  | ND     | 6300    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile  | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile  | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Methylphenol  | ND     | 4200    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile  | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Methylphenol  | ND     | 7900    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile  | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Methylphenol  | ND     | 32000   | 50000    | ug/kg | RL-1  |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|---------|----------|-------|------------|-------|
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Methylphenol | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Methylphenol | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Methylphenol | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Methylphenol | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Methylphenol | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Methylphenol | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Methylphenol | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Methylphenol | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Methylphenol | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Methylphenol | ND     | 210     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Methylphenol | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Methylphenol | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Methylphenol | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Methylphenol | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Methylphenol | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Methylphenol | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Methylphenol | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Methylphenol | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Methylphenol | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 1400000 | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 5600000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitroaniline | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitroaniline | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitroaniline | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitroaniline | ND     | 20000   | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitroaniline | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitroaniline | ND     | 1700    | 8300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitroaniline | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 17000   | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 850     | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitroaniline | ND     | 20000   | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitroaniline | ND     | 2600    | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Nitroaniline | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitroaniline | ND     | 6400    | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitroaniline | ND     | 26000   | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 13000   | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 8500    | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 2600    | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 1300    | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 850     | 4200     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 6400    | 31000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|---------|----------|-------|------------|-------|
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Nitroaniline | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitroaniline | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitroaniline | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitroaniline | ND     | 64000   | 310000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitroaniline | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 51000   | 250000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitroaniline | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitroaniline | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitroaniline | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitroaniline | ND     | 51000   | 250000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 17000   | 83000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitroaniline | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitroaniline | ND     | 170     | 830      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitroaniline | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitroaniline | ND     | 2600    | 12000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitroaniline | ND     | 340     | 1700     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitroaniline | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Nitroaniline | ND     | 8500    | 42000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Nitroaniline | ND     | 6800    | 33000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Nitroaniline | ND     | 4200    | 21000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Nitroaniline | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Nitroaniline | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 1500000 | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 6000000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitrophenol  | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitrophenol  | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitrophenol  | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitrophenol  | ND     | 20000   | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitrophenol  | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitrophenol  | ND     | 1700    | 8300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitrophenol  | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitrophenol  | ND     | 17000   | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | 4-Nitrophenol  | ND     | 850     | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | 4-Nitrophenol  | ND     | 20000   | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitrophenol  | ND     | 2600    | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | 4-Nitrophenol  | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | 4-Nitrophenol  | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitrophenol  | ND     | 6400    | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | 4-Nitrophenol  | ND     | 26000   | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 4200    | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 13000   | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 8500    | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 2600    | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 1300    | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 850     | 4200     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 6400    | 31000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | 4-Nitrophenol  | ND     | 17000   | 83000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | 4-Nitrophenol  | ND     | 170     | 830      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitrophenol  | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitrophenol  | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitrophenol  | ND     | 64000   | 310000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | 4-Nitrophenol  | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 51000   | 250000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitrophenol  | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitrophenol  | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | 4-Nitrophenol  | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | 4-Nitrophenol  | ND     | 51000   | 250000   | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte       | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------|--------|---------|----------|-------|------------|-------|
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 17000   | 83000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitrophenol | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitrophenol | ND     | 170     | 830      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitrophenol | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitrophenol | ND     | 2600    | 12000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | 4-Nitrophenol | ND     | 340     | 1700     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | 4-Nitrophenol | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | 4-Nitrophenol | ND     | 8500    | 42000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Nitrophenol | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Nitrophenol | ND     | 6800    | 33000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | 4-Nitrophenol | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Nitrophenol | ND     | 4200    | 21000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | 4-Nitrophenol | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | 4-Nitrophenol | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 790000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 3200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Acenaphthene  | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Acenaphthene  | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Acenaphthene  | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Acenaphthene  | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Acenaphthene  | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Acenaphthene  | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Acenaphthene  | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Acenaphthene  | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Acenaphthene  | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Acenaphthene  | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Acenaphthene  | ND     | 3000    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Acenaphthene  | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Acenaphthene  | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Acenaphthene  | ND     | 30000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Acenaphthene  | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Acenaphthene  | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Acenaphthene  | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Acenaphthene  | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Acenaphthene  | ND     | 75000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Acenaphthene  | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Acenaphthene  | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Acenaphthene  | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Acenaphthene  | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Acenaphthene  | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Acenaphthene  | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Acenaphthene  | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Acenaphthene  | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Acenaphthene  | ND     | 200     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Acenaphthene  | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Acenaphthene  | ND     | 3000    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Acenaphthene  | ND     | 400     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Acenaphthene  | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Acenaphthene  | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Acenaphthene  | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Acenaphthene  | ND     | 8000    | 13000    | ug/kg | RL-2       |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte        | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|----------------|--------|---------|----------|-------|------------|-------|
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Acenaphthene   | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Acenaphthene   | ND     | 5000    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Acenaphthene   | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Acenaphthene   | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Acenaphthylene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Acenaphthylene | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Acenaphthylene | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Acenaphthylene | ND     | 26000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Acenaphthylene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Acenaphthylene | ND     | 2200    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Acenaphthylene | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Acenaphthylene | ND     | 22000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C      | Acenaphthylene | ND     | 1100    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Acenaphthylene | ND     | 26000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Acenaphthylene | ND     | 3300    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C      | Acenaphthylene | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Acenaphthylene | ND     | 8200    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Acenaphthylene | ND     | 33000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 5500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 11000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 3300    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 1100    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 1100    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Acenaphthylene | ND     | 1100    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 8200    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C      | Acenaphthylene | ND     | 22000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Acenaphthylene | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Acenaphthylene | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Acenaphthylene | ND     | 83000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Acenaphthylene | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Acenaphthylene | ND     | 66000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Acenaphthylene | ND     | 33000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Acenaphthylene | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Acenaphthylene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Acenaphthylene | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Acenaphthylene | ND     | 66000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 22000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 11000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Acenaphthylene | ND     | 330     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Acenaphthylene | ND     | 220     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C      | Acenaphthylene | ND     | 330     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Acenaphthylene | ND     | 3300    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Acenaphthylene | ND     | 440     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 1100    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | Acenaphthylene | ND     | 11000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | Acenaphthylene | 22000  | 11000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Acenaphthylene | ND     | 8800    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Acenaphthylene | ND     | 5500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Acenaphthylene | ND     | 6600    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Acenaphthylene | ND     | 4400    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin         | ND     | 240     | 2500     | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin         | ND     | 700     | 7500     | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Aldrin         | ND     | 4.1     | 20       | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Aldrin         | ND     | 1.8     | 5.0      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Aldrin         | ND     | 18      | 50       | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Aldrin         | ND     | 1.0     | 5.0      | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Aldrin         | ND     | 18      | 50       | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Aldrin         | ND     | 2.0     | 10       | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Aldrin         | ND     | 4.1     | 20       | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Aldrin         | ND     | 2.0     | 10       | ug/kg | C-06, R-05 |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte   | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------|--------|------|------|-------|------------|-------|
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Aldrin    | ND     | 2.0  | 10   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Aldrin    | ND     | 2.0  | 10   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Aldrin    | ND     | 1.0  | 5.0  | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Aldrin    | ND     | 22   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Aldrin    | ND     | 45   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Aldrin    | ND     | 36   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Aldrin    | ND     | 18   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Aldrin    | ND     | 4.1  | 20   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Aldrin    | ND     | 2    | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Aldrin    | ND     | 2.0  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Aldrin    | ND     | 2    | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Aldrin    | ND     | 2    | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Aldrin    | ND     | 2    | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Aldrin    | ND     | 41   | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Aldrin    | 50     | 2.0  | 10   | ug/kg | C-06, R-05 | CF1   |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin    | ND     | 120  | 1200 | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin    | 110    | 9.4  | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 9.4  | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 24   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 2.4  | 25   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 4.7  | 50   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 4.7  | 50   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 59   | 620  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Aldrin    | ND     | 9.4  | 100  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin    | ND     | 0.70 | 7.5  | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 9.4  | 100  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 9.4  | 100  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Aldrin    | ND     | 12   | 62   | ug/kg | RL-1       | L2    |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Aldrin    | ND     | 12   | 62   | ug/kg | RL-1       | L2    |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Aldrin    | ND     | 11   | 85   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 24   | 250  | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 1.2  | 12   | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 0.70 | 7.5  | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 0.70 | 7.5  | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 1.2  | 12   | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 1.4  | 15   | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 14   | 150  | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 0.47 | 5.0  | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Aldrin    | ND     | 1.4  | 15   | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Aldrin    | ND     | 12   | 62   | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Aldrin    | ND     | 6.1  | 31   | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 240  | 2500 | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 700  | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | alpha-BHC | ND     | 3.5  | 20   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 1.6  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | alpha-BHC | ND     | 16   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | alpha-BHC | ND     | 0.88 | 5.0  | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | alpha-BHC | ND     | 16   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | alpha-BHC | ND     | 3.5  | 20   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | alpha-BHC | ND     | 0.88 | 5.0  | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | alpha-BHC | ND     | 20   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | alpha-BHC | ND     | 40   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 32   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 16   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | alpha-BHC | ND     | 3.5  | 20   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | alpha-BHC | ND     | 1.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | alpha-BHC | 16     | 1.8  | 10   | ug/kg | C-06, R-05 | CF1   |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte   | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------|--------|---------|----------|-------|------------|-------|
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | alpha-BHC | ND     | 35      | 200      | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | alpha-BHC | ND     | 1.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 120     | 1200     | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 9.4     | 100      | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 9.4     | 100      | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 24      | 250      | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 2.4     | 25       | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 4.7     | 50       | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 4.7     | 50       | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 59      | 620      | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | alpha-BHC | ND     | 9.4     | 100      | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.70    | 7.5      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 9.4     | 100      | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 9.4     | 100      | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | alpha-BHC | ND     | 12      | 62       | ug/kg | RL-1       | L2    |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | alpha-BHC | ND     | 12      | 62       | ug/kg | RL-1       | L2    |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | alpha-BHC | ND     | 10      | 160      | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 24      | 250      | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 1.2     | 12       | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.70    | 7.5      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.70    | 7.5      | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 1.2     | 12       | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 1.4     | 15       | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 14      | 150      | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 0.47    | 5.0      | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | alpha-BHC | ND     | 1.4     | 15       | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | alpha-BHC | ND     | 12      | 62       | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | alpha-BHC | ND     | 6.1     | 31       | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Aniline   | ND     | 1700000 | 4200000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Aniline   | ND     | 6800000 | 17000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Aniline   | ND     | 9600    | 25000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Aniline   | ND     | 160     | 420      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Aniline   | ND     | 4000    | 10000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Aniline   | ND     | 4000    | 10000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Aniline   | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Aniline   | ND     | 9600    | 25000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Aniline   | ND     | 1600    | 4200     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Aniline   | ND     | 160     | 420      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Aniline   | ND     | 4000    | 10000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | Aniline   | ND     | 160     | 420      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Aniline   | ND     | 16000   | 42000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C      | Aniline   | ND     | 800     | 2100     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Aniline   | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Aniline   | ND     | 2400    | 6300     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C      | Aniline   | ND     | 4800    | 13000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Aniline   | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Aniline   | ND     | 6000    | 16000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Aniline   | ND     | 24000   | 63000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Aniline   | ND     | 4000    | 10000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Aniline   | ND     | 12000   | 31000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Aniline   | ND     | 8000    | 21000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 2400    | 6300     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 16000   | 42000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 800     | 2100     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 1200    | 3100     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 800     | 2100     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Aniline   | ND     | 800     | 2100     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Aniline   | ND     | 160     | 420      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Aniline   | ND     | 160     | 420      | ug/kg |            |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte    | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------|--------|---------|----------|-------|------------|-------|
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Aniline    | ND     | 160     | 420      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Aniline    | ND     | 6000    | 16000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Aniline    | ND     | 160     | 420      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Aniline    | ND     | 160     | 420      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Aniline    | ND     | 16000   | 42000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Aniline    | ND     | 16000   | 42000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Aniline    | ND     | 160     | 420      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Aniline    | ND     | 24000   | 63000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Aniline    | ND     | 24000   | 63000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Aniline    | ND     | 60000   | 160000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Aniline    | ND     | 24000   | 63000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Aniline    | ND     | 48000   | 130000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Aniline    | ND     | 24000   | 63000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Aniline    | ND     | 4800    | 13000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Aniline    | ND     | 9600    | 25000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Aniline    | ND     | 9600    | 25000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Aniline    | ND     | 48000   | 130000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 16000   | 42000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 8000    | 21000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Aniline    | ND     | 240     | 630      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Aniline    | ND     | 160     | 420      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Aniline    | ND     | 240     | 630      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Aniline    | ND     | 2400    | 6300     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Aniline    | ND     | 320     | 830      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 800     | 2100     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Aniline    | ND     | 8000    | 21000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Aniline    | ND     | 8000    | 21000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Aniline    | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Aniline    | ND     | 6400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Aniline    | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Aniline    | ND     | 4000    | 10000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Aniline    | ND     | 4800    | 13000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Aniline    | ND     | 3200    | 8300     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 1000000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 4000000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Anthracene | ND     | 10000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Anthracene | ND     | 4200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Anthracene | ND     | 4200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Anthracene | ND     | 20000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Anthracene | ND     | 10000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Anthracene | ND     | 1700    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Anthracene | ND     | 4200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Anthracene | ND     | 17000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Anthracene | ND     | 850     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Anthracene | ND     | 20000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Anthracene | ND     | 2600    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Anthracene | ND     | 5100    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Anthracene | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Anthracene | ND     | 6400    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Anthracene | ND     | 26000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 4200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 13000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 8500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | ND     | 2600    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | ND     | 17000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | ND     | 850     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | ND     | 1300    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | ND     | 850     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Anthracene | 2300   | 850     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 6400    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 17000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Anthracene | ND     | 17000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Anthracene | ND     | 170     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Anthracene | ND     | 26000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Anthracene | ND     | 26000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Anthracene | ND     | 64000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Anthracene | ND     | 26000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Anthracene | ND     | 51000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Anthracene | ND     | 26000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Anthracene | ND     | 5100    | 10000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte    | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------|--------|-------|--------|-------|------------|-------|
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Anthracene | ND     | 10000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Anthracene | ND     | 10000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Anthracene | ND     | 51000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 17000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Anthracene | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Anthracene | ND     | 170   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Anthracene | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Anthracene | ND     | 2600  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Anthracene | ND     | 340   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 850   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Anthracene | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Anthracene | ND     | 8500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Anthracene | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Anthracene | ND     | 6800  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Anthracene | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Anthracene | ND     | 4200  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Anthracene | ND     | 5100  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Anthracene | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 1.6   | 30     | mg/kg |            | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            | M2    |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 1.0   | 20     | mg/kg |            | RL-1  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Antimony   | ND     | 0.52  | 10     | mg/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|---------------|--------------|--------|------|-------|-------|-------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B     | Antimony     | ND     | 0.52 | 10    | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 1900 | 10000 | ug/kg | RL-1  |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 2800 | 15000 | ug/kg | RL-1  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 12   | 50    | ug/kg |       | C     |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 12   | 50    | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 600  | 2500  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 30   | 120   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 30   | 120   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 24   | 100   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 12   | 50    | ug/kg |       | C     |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 940  | 5000  | ug/kg | RL-1  |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 190  | 1000  | ug/kg | RL-1  |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 94   | 500   | ug/kg | RL-1  |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 47   | 250   | ug/kg | RL-1  |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 19   | 100   | ug/kg | RL-1  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 19   | 100   | ug/kg | RL-1  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 70   | 380   | ug/kg | RL-1  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 19   | 100   | ug/kg | RL-1  |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg | RL-1  |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 94   | 500   | ug/kg | RL-1  |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 94   | 500   | ug/kg | RL-1  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 120  | 620   | ug/kg | RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 24   | 120   | ug/kg | RL-1  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 24   | 120   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg | RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 9.4  | 50    | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1016 | ND     | 14   | 75    | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 840  | 10000 | ug/kg | RL-1  |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 1300 | 15000 | ug/kg | RL-1  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 9.8  | 50    | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 9.8  | 50    | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 490  | 2500  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 24   | 120   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 24   | 120   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 20   | 100   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 9.8  | 50    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 420  | 5000  | ug/kg | RL-1  |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 84   | 1000  | ug/kg | RL-1  |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 42   | 500   | ug/kg | RL-1  |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 21   | 250   | ug/kg | RL-1  |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 8.4  | 100   | ug/kg | RL-1  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 8.4  | 100   | ug/kg | RL-1  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 32   | 380   | ug/kg | RL-1  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 8.4  | 100   | ug/kg | RL-1  |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg | RL-1  |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 42   | 500   | ug/kg | RL-1  |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 42   | 500   | ug/kg | RL-1  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 52   | 620   | ug/kg | RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 10   | 120   | ug/kg | RL-1  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 9.8  | 50    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 24   | 120   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg | RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 4.2  | 50    | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|---------------|--------------|--------|------|-------|-------|-------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1221 | ND     | 6.3  | 75    | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 1200 | 10000 | ug/kg | RL-1  |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 1700 | 15000 | ug/kg | RL-1  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 6.6  | 50    | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 6.6  | 50    | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 330  | 2500  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 16   | 120   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 16   | 120   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 13   | 100   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 6.6  | 50    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 580  | 5000  | ug/kg | RL-1  |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 120  | 1000  | ug/kg | RL-1  |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 58   | 500   | ug/kg | RL-1  |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 29   | 250   | ug/kg | RL-1  |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 12   | 100   | ug/kg | RL-1  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 12   | 100   | ug/kg | RL-1  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 44   | 380   | ug/kg | RL-1  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 12   | 100   | ug/kg | RL-1  |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg | RL-1  |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 58   | 500   | ug/kg | RL-1  |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 58   | 500   | ug/kg | RL-1  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 72   | 620   | ug/kg | RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 14   | 120   | ug/kg | RL-1  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 6.6  | 50    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 16   | 120   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg | RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 5.8  | 50    | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1232 | ND     | 8.7  | 75    | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 3200 | 10000 | ug/kg | RL-1  |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 4800 | 15000 | ug/kg | RL-1  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 18   | 50    | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 18   | 50    | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 900  | 2500  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1242 | 380    | 45   | 120   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 45   | 120   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 36   | 100   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 18   | 50    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 1600 | 5000  | ug/kg | RL-1  |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 320  | 1000  | ug/kg | RL-1  |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 160  | 500   | ug/kg | RL-1  |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 80   | 250   | ug/kg | RL-1  |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 32   | 100   | ug/kg | RL-1  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 32   | 100   | ug/kg | RL-1  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 120  | 380   | ug/kg | RL-1  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 32   | 100   | ug/kg | RL-1  |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg | RL-1  |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 160  | 500   | ug/kg | RL-1  |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 160  | 500   | ug/kg | RL-1  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 200  | 620   | ug/kg | RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 40   | 120   | ug/kg | RL-1  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 18   | 50    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 45   | 120   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg | RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 16   | 50    | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1242 | ND     | 24   | 75    | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 2000 | 10000 | ug/kg | RL-1  |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 3000 | 15000 | ug/kg | RL-1  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 19   | 50    | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 19   | 50    | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 950  | 2500  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 48   | 120   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE     |
|--------------------------|-----------|---------------|--------------|---------------|--------------|--------|------|-------|-------|-------|-----------|
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 48   | 120   | ug/kg |       |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1248 | 140    | 38   | 100   | ug/kg |       | A-01, R-1 |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 19   | 50    | ug/kg |       |           |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 1000 | 5000  | ug/kg | RL-1  |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 200  | 1000  | ug/kg | RL-1  |           |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 100  | 500   | ug/kg | RL-1  |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 50   | 250   | ug/kg | RL-1  |           |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 20   | 100   | ug/kg | RL-1  |           |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 20   | 100   | ug/kg | RL-1  |           |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 75   | 380   | ug/kg | RL-1  |           |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 20   | 100   | ug/kg | RL-1  |           |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg | RL-1  |           |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 100  | 500   | ug/kg | RL-1  |           |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 100  | 500   | ug/kg | RL-1  |           |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 120  | 620   | ug/kg | RL-1  |           |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 25   | 120   | ug/kg | RL-1  |           |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg |       |           |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 19   | 50    | ug/kg |       |           |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg |       |           |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 48   | 120   | ug/kg |       |           |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg |       |           |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg | RL-1  |           |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 10   | 50    | ug/kg |       |           |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1248 | ND     | 15   | 75    | ug/kg |       |           |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 1700 | 10000 | ug/kg | RL-1  |           |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 2600 | 15000 | ug/kg | RL-1  |           |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 20   | 50    | ug/kg |       |           |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 20   | 50    | ug/kg |       |           |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 1000 | 2500  | ug/kg |       |           |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1254 | 190    | 50   | 120   | ug/kg |       |           |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 50   | 120   | ug/kg |       |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 40   | 100   | ug/kg |       |           |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 20   | 50    | ug/kg |       |           |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 870  | 5000  | ug/kg | RL-1  |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 170  | 1000  | ug/kg | RL-1  |           |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 87   | 500   | ug/kg | RL-1  |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 44   | 250   | ug/kg | RL-1  |           |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 17   | 100   | ug/kg | RL-1  |           |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 17   | 100   | ug/kg | RL-1  |           |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 65   | 380   | ug/kg | RL-1  |           |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 17   | 100   | ug/kg | RL-1  |           |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg | RL-1  |           |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 87   | 500   | ug/kg | RL-1  |           |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 87   | 500   | ug/kg | RL-1  |           |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 110  | 620   | ug/kg | RL-1  |           |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 22   | 120   | ug/kg | RL-1  |           |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg |       | C-7       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 20   | 50    | ug/kg |       |           |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg |       |           |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 50   | 120   | ug/kg |       |           |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg |       |           |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg | RL-1  |           |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 8.7  | 50    | ug/kg |       |           |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1254 | ND     | 13   | 75    | ug/kg |       |           |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 4800 | 10000 | ug/kg | RL-1  |           |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 7200 | 15000 | ug/kg | RL-1  |           |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50    | ug/kg |       |           |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50    | ug/kg |       |           |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1260 | 9000   | 1200 | 2500  | ug/kg |       |           |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 60   | 120   | ug/kg |       |           |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 60   | 120   | ug/kg |       |           |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1260 | 390    | 48   | 100   | ug/kg |       | A-01      |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50    | ug/kg |       |           |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 2400 | 5000  | ug/kg | RL-1  |           |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 480  | 1000  | ug/kg | RL-1  |           |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 240  | 500   | ug/kg | RL-1  |           |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 120  | 250   | ug/kg | RL-1  |           |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte      | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|---------------|--------------|--------|------|-----|-------|-------|-------|
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 48   | 100 | ug/kg | RL-1  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 48   | 100 | ug/kg | RL-1  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 180  | 380 | ug/kg | RL-1  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 48   | 100 | ug/kg | RL-1  |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg | RL-1  |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 240  | 500 | ug/kg | RL-1  |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 240  | 500 | ug/kg | RL-1  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 300  | 620 | ug/kg | RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 60   | 120 | ug/kg | RL-1  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | 150    | 60   | 120 | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg | RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 24   | 50  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8082 | Aroclor 1260 | ND     | 36   | 75  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | ND     | 0.96 | 4.0 | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | ND     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B     | Arsenic      | 10     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B     | Arsenic      | 8.0    | 0.96 | 4.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B     | Arsenic      | 8.6    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B     | Arsenic      | 3.7    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B     | Arsenic      | 6.2    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B     | Arsenic      | 4.0    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B     | Arsenic      | 45     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B     | Arsenic      | 78     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B     | Arsenic      | 3.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B     | Arsenic      | 3.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B     | Arsenic      | 2.4    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B     | Arsenic      | 30     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B     | Arsenic      | 6.4    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B     | Arsenic      | 31     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B     | Arsenic      | 7.5    | 0.96 | 4.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B     | Arsenic      | 14     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B     | Arsenic      | 9.6    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B     | Arsenic      | 8.3    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B     | Arsenic      | 6.5    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B     | Arsenic      | 8.3    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B     | Arsenic      | 32     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B     | Arsenic      | 3.1    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B     | Arsenic      | 64     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | 2.7    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | 5.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 6.2    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 8.7    | 0.96 | 4.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 3.1    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 7.3    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 4.8    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 10     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B     | Arsenic      | 6.2    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | ND     | 1.4  | 6.0 | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 2.6    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 2.0    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 4.7    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B     | Arsenic      | 2.8    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 2.5    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | ND     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B     | Arsenic      | 2.1    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B     | Arsenic      | 2.7    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B     | Arsenic      | 42     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B     | Arsenic      | 33     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B     | Arsenic      | 40     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B     | Arsenic      | 75     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B     | Arsenic      | 64     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B     | Arsenic      | 75     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B     | Arsenic      | 46     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B     | Arsenic      | 8.6    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B     | Arsenic      | 8.3    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B     | Arsenic      | 56     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B     | Arsenic      | 7.2    | 0.96 | 4.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B     | Arsenic      | 3.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B     | Arsenic      | 16     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B     | Arsenic      | 24     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B     | Arsenic      | 12     | 0.96 | 4.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B     | Arsenic      | 7.5    | 0.48 | 2.0 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------|--------|------|-----|-------|-------|-------|
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Arsenic | 7.5    | 0.96 | 4.0 | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Arsenic | 7.6    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Arsenic | 11     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Arsenic | 3.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Arsenic | 6.9    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Arsenic | 12     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Arsenic | 35     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Arsenic | 78     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Arsenic | 10     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Arsenic | 140    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Arsenic | 11     | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Arsenic | 8.2    | 0.48 | 2.0 | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Arsenic | 6.4    | 0.48 | 2.0 | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 73     | 0.70 | 2.0 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 5.0    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Barium  | 1100   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Barium  | 130    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Barium  | 270    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Barium  | 390    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Barium  | 190    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Barium  | 190    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Barium  | 1600   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Barium  | 3100   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Barium  | 110    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Barium  | 130    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Barium  | 25     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Barium  | 100    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Barium  | 400    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Barium  | 2700   | 1.4  | 4.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Barium  | 160    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Barium  | 1100   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Barium  | 920    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Barium  | 510    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Barium  | 530    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Barium  | 1500   | 0.7  | 2.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Barium  | 1600   | 0.7  | 2.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Barium  | 35     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Barium  | 1300   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 31     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 100    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 36     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 150    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 21     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 180    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 41     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 190    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Barium  | 130    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 8.8    | 1.0  | 3.0 | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 13     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 14     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 60     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Barium  | 18     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 17     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 20     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Barium  | 13     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Barium  | 25     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Barium  | 5000   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Barium  | 1800   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Barium  | 680    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Barium  | 1800   | 0.70 | 2.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Barium  | 2000   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Barium  | 3000   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Barium  | 2600   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Barium  | 300    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Barium  | 860    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Barium  | 2200   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 140    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 200    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 76     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 120    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 130    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 69     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 160    | 0.70 | 2.0 | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Barium  | 110    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 350    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 92     | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 160    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Barium  | 220    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Barium  | 860    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Barium  | 2900   | 3.5  | 10  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Barium  | 1900   | 0.70 | 2.0 | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Barium  | 2300   | 3.5  | 10  | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Barium  | 550    | 0.35 | 1.0 | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Barium  | 1000   | 0.35 | 1.0 | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Barium  | 600    | 0.35 | 1.0 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------|--------|------|------|-------|-------|-------|
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | ND     | 680  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | ND     | 340  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 660    | 34   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 940    | 42   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 1400   | 39   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 1300   | 41   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 540    | 34   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 900    | 110  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 1500   | 120  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Benzene | 490    | 34   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 38   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | 1300   | 46   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 140    | 34   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | ND     | 0.70 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | ND     | 48   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 960    | 110  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 12     | 2.5  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 46   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 270    | 40   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 250    | 34   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 1100   | 54   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 680  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 610    | 34   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 1000   | 39   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 570    | 51   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 12     | 2.5  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 0.63 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | 150    | 41   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 0.43 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Benzene | ND     | 340  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 170  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 30   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Benzene | ND     | 0.64 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | ND     | 34   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 300    | 65   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 810    | 150  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Benzene | 120    | 34   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | 680    | 34   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | 740    | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | 1100   | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | 440    | 47   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 790    | 34   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 680    | 47   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Benzene | 770    | 51   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Benzene | 620    | 34   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Benzene | 860    | 34   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Benzene | 210    | 34   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Benzene | ND     | 34   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Benzene | 3100   | 680  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Benzene | ND     | 680  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Benzene | 160    | 34   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | 1200   | 68   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | 11000  | 850  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | 4800   | 380  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | 660    | 5.0  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | 1100   | 34   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | ND     | 34   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | ND     | 1000 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | ND     | 340  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | ND     | 34   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | ND     | 0.60 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | ND     | 140  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Benzene | 510    | 41   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Benzene | 160    | 34   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 34   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 5.0  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Benzene | ND     | 2.5  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 340  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Benzene | 25000  | 1400 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Benzene | ND     | 0.50 | 2.0  | ug/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte   | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------|--------|---------|----------|-------|-------|-------|
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Benzene   | 640    | 34      | 100      | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Benzene   | 140    | 34      | 100      | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Benzene   | 610    | 34      | 100      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Benzene   | 340    | 34      | 100      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Benzene   | 290    | 34      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Benzene   | 160    | 34      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Benzene   | 200    | 34      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Benzene   | 360    | 5.0     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Benzene   | 210    | 5.0     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | 160    | 34      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 54      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | 430    | 31      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.43    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 0.50    | 2.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 1.2     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 42      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Benzene   | ND     | 44      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Benzene   | 170    | 34      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Benzene   | 290    | 34      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Benzene   | ND     | 5.0     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Benzene   | ND     | 34      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 1200000 | 6600000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 4800000 | 26000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzidine | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzidine | ND     | 9200    | 16000    | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzidine | ND     | 9200    | 16000    | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzidine | ND     | 44000   | 79000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzidine | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzidine | ND     | 3700    | 6600     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzidine | ND     | 9200    | 16000    | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzidine | ND     | 37000   | 66000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzidine | ND     | 1800    | 3300     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzidine | ND     | 44000   | 79000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzidine | ND     | 5600    | 9900     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzidine | ND     | 11000   | 20000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzidine | ND     | 7400    | 13000    | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzidine | ND     | 14000   | 25000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzidine | ND     | 56000   | 99000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 9200    | 16000    | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 28000   | 50000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 18000   | 33000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 5600    | 9900     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 37000   | 66000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 1800    | 3300     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 2800    | 5000     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 1800    | 3300     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzidine | ND     | 1800    | 3300     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 14000   | 25000    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 37000   | 66000    | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzidine | ND     | 37000   | 66000    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzidine | ND     | 370     | 660      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzidine | ND     | 55000   | 99000    | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzidine | ND     | 55000   | 99000    | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzidine | ND     | 140000  | 250000   | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzidine | ND     | 55000   | 99000    | ug/kg | RL-2  |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|------------|-------|
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzidine          | ND     | 110000  | 200000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzidine          | ND     | 55000   | 99000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzidine          | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzidine          | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzidine          | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzidine          | ND     | 110000  | 200000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 37000   | 66000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzidine          | ND     | 560     | 990      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzidine          | ND     | 370     | 660      | ug/kg | RL-1       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzidine          | ND     | 560     | 990      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzidine          | ND     | 5600    | 9900     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzidine          | ND     | 740     | 1300     | ug/kg | RL-1       | M2    |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 7400    | 13000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 7400    | 13000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 1800    | 3300     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzidine          | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzidine          | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzidine          | ND     | 7400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzidine          | ND     | 15000   | 26000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzidine          | ND     | 7400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzidine          | ND     | 9200    | 16000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzidine          | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzidine          | ND     | 7400    | 13000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 980000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3900000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)anthracene | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)anthracene | ND     | 18000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)anthracene | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)anthracene | ND     | 1500    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 15000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 750     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)anthracene | ND     | 18000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)anthracene | ND     | 2300    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzo(a)anthracene | ND     | 4500    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)anthracene | ND     | 5600    | 12000    | ug/kg |            |       |
| PNL-BA12-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)anthracene | ND     | 23000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 11000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 7500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 2200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 15000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 750     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 1100    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 750     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 750     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 5600    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 15000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzo(a)anthracene | ND     | 15000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)anthracene | ND     | 22000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)anthracene | ND     | 22000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)anthracene | ND     | 56000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)anthracene | ND     | 22000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 45000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 22000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)anthracene | ND     | 4500    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)anthracene | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)anthracene | ND     | 9000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)anthracene | ND     | 45000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 15000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 7500    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)anthracene | ND     | 220     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)anthracene | ND     | 150     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)anthracene | ND     | 220     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)anthracene | ND     | 2200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)anthracene | ND     | 300     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene | ND     | 3000    | 6700     | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|---------|----------|-------|------------|-------|
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 750     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 7500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 7500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 6000    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 3800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 4500    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(a)anthracene   | ND     | 3000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 810000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 3200000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 3000    | 5000     | ug/kg | RL-2       | L     |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 7500    | 12000    | ug/kg |            | L     |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 30000   | 50000    | ug/kg | RL-1       | L     |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 75000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 60000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 200     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 300     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 3000    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 400     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 8000    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 5000    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(a)pyrene       | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 980000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3900000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|---------|----------|-------|------------|-------|
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 1800    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 2700    | 5000     | ug/kg | RL-2       | L     |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 6800    | 12000    | ug/kg |            | L     |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-1       | L     |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 2700    | 5000     | ug/kg |            | L2    |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2       | L2    |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 1400    | 2500     | ug/kg | RL-2       | L2    |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2       | L2    |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 900     | 1700     | ug/kg |            | L2    |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 6800    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 68000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 2700    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 360     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 7200    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 4500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(b)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 35000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 2900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 29000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 35000   | 40000    | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|---------|----------|-------|------------|-------|
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 4400    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 8700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 11000   | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 44000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 22000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 14000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 4400    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 2200    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 11000   | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 110000  | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 87000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 8700    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 87000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 29000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 14000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 440     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 290     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 440     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 4400    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 580     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 14000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 14000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 12000   | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 7200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 8700    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(g,h,i)perylene | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 920000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3700000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 1800    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 2700    | 5000     | ug/kg | RL-2       | L     |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 6800    | 12000    | ug/kg |            | L     |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-1       | L     |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 2700    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 1400    | 2500     | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL       | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|----------|----------|-------|------------|-------|
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 900      | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 900      | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 6800     | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 18000    | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 18000    | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 27000    | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 27000    | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 68000    | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 27000    | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 54000    | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 27000    | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 5400     | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 11000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 11000    | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 54000    | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 18000    | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 9000     | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 270      | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 180      | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 270      | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 2700     | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 360      | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600     | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 900      | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 9000     | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 9000     | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600     | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 7200     | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600     | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 4500     | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 5400     | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzo(k)fluoranthene | ND     | 3600     | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 3100000  | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 12000000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzoic acid         | ND     | 10000    | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzoic acid         | ND     | 4200     | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzoic acid         | ND     | 4200     | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzoic acid         | ND     | 20000    | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzoic acid         | ND     | 10000    | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzoic acid         | ND     | 1700     | 8300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzoic acid         | ND     | 4200     | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzoic acid         | ND     | 17000    | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzoic acid         | ND     | 850      | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzoic acid         | ND     | 20000    | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzoic acid         | ND     | 2600     | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzoic acid         | ND     | 5100     | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzoic acid         | ND     | 3400     | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzoic acid         | ND     | 6400     | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzoic acid         | ND     | 26000    | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 4200     | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 13000    | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 8500     | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 2600     | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 17000    | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 850      | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 1300     | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 850      | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzoic acid         | ND     | 850      | 4200     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 6400     | 31000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 17000    | 83000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzoic acid         | ND     | 17000    | 83000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzoic acid         | ND     | 170      | 830      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzoic acid         | ND     | 26000    | 120000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzoic acid         | ND     | 26000    | 120000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzoic acid         | ND     | 64000    | 310000   | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|---------|----------|-------|------------|-------|
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzoic acid   | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzoic acid   | ND     | 51000   | 250000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzoic acid   | ND     | 26000   | 120000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzoic acid   | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzoic acid   | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzoic acid   | ND     | 10000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzoic acid   | ND     | 51000   | 250000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 17000   | 83000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzoic acid   | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzoic acid   | ND     | 170     | 830      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzoic acid   | ND     | 260     | 1200     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzoic acid   | ND     | 2600    | 12000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzoic acid   | ND     | 340     | 1700     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 850     | 4200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Benzoic acid   | ND     | 8500    | 42000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Benzoic acid   | ND     | 8500    | 42000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzoic acid   | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzoic acid   | ND     | 6800    | 33000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Benzoic acid   | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzoic acid   | ND     | 4200    | 21000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Benzoic acid   | ND     | 5100    | 25000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Benzoic acid   | ND     | 3400    | 17000    | ug/kg | RL-2       |       |
| PNL-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 1200000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 4800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzyl alcohol | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzyl alcohol | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzyl alcohol | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzyl alcohol | ND     | 29000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzyl alcohol | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Benzyl alcohol | ND     | 2400    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Benzyl alcohol | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Benzyl alcohol | ND     | 24000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Benzyl alcohol | ND     | 1200    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Benzyl alcohol | ND     | 29000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzyl alcohol | ND     | 3600    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Benzyl alcohol | ND     | 7200    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Benzyl alcohol | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzyl alcohol | ND     | 9000    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Benzyl alcohol | ND     | 36000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 18000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 3600    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 1800    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Benzyl alcohol | ND     | 1200    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 9000    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Benzyl alcohol | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzyl alcohol | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzyl alcohol | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzyl alcohol | ND     | 90000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Benzyl alcohol | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzyl alcohol | ND     | 72000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzyl alcohol | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzyl alcohol | ND     | 7200    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzyl alcohol | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Benzyl alcohol | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Benzyl alcohol | ND     | 72000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzyl alcohol | ND     | 24000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Benzyl alcohol | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzyl alcohol | ND     | 360     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzyl alcohol | ND     | 240     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Benzyl alcohol | ND     | 360     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzyl alcohol | ND     | 3600    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Benzyl alcohol | ND     | 480     | 670      | ug/kg | RL-1       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte        | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|----------------|--------|-------|-------|-------|------------|-------|
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C      | Benzyl alcohol | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C      | Benzyl alcohol | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C      | Benzyl alcohol | ND     | 1200  | 1700  | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | Benzyl alcohol | ND     | 12000 | 17000 | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | Benzyl alcohol | ND     | 12000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Benzyl alcohol | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Benzyl alcohol | ND     | 9600  | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Benzyl alcohol | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Benzyl alcohol | ND     | 6000  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Benzyl alcohol | ND     | 7200  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Benzyl alcohol | ND     | 4800  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B      | Beryllium      | ND     | 0.23  | 1.5   | mg/kg |            | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | 0.82   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | 0.96   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | 0.83   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B      | Beryllium      | 1.0    | 0.16  | 1.0   | mg/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | ND     | 0.23  | 1.5   | mg/kg |            | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B      | Beryllium      | 0.69   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B      | Beryllium      | 0.54   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | 1.1    | 0.16  | 1.0   | mg/kg |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | 0.53   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | 0.81   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | ND     | 0.16  | 1.0   | mg/kg |            | RL-1  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Beryllium      | 0.75   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | 0.53   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B      | Beryllium      | 0.56   | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B      | Beryllium      | ND     | 0.078 | 0.50  | mg/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC       | ND     | 340   | 2500  | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC       | ND     | 1000  | 7500  | ug/kg | RL-1       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte                    | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | beta-BHC                   | ND     | 5.5     | 20       | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 3.0     | 5.0      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | beta-BHC                   | ND     | 30      | 50       | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | beta-BHC                   | ND     | 1.4     | 5.0      | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | beta-BHC                   | ND     | 30      | 50       | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | beta-BHC                   | ND     | 5.5     | 20       | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | beta-BHC                   | 15     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | beta-BHC                   | ND     | 1.4     | 5.0      | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | beta-BHC                   | ND     | 38      | 62       | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | beta-BHC                   | ND     | 75      | 120      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 60      | 100      | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 30      | 50       | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | beta-BHC                   | ND     | 5.5     | 20       | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | beta-BHC                   | ND     | 2.8     | 10       | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | beta-BHC                   | 27     | 2.8     | 10       | ug/kg | C-06, R-05 | CF1   |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | beta-BHC                   | 540    | 55      | 200      | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | beta-BHC                   | 14     | 2.8     | 10       | ug/kg | C-06, R-05 | CF1   |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC                   | ND     | 170     | 1200     | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC                   | ND     | 14      | 100      | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 14      | 100      | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 34      | 250      | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 3.4     | 25       | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 6.8     | 50       | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 6.8     | 50       | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 85      | 620      | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | beta-BHC                   | ND     | 14      | 100      | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC                   | ND     | 1.0     | 7.5      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 14      | 100      | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 14      | 100      | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | beta-BHC                   | ND     | 16      | 62       | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | beta-BHC                   | ND     | 16      | 62       | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | beta-BHC                   | ND     | 7.5     | 160      | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 34      | 250      | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 1.7     | 12       | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 1.0     | 7.5      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 1.0     | 7.5      | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 1.7     | 12       | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 2.0     | 15       | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 20      | 150      | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 0.68    | 5.0      | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | beta-BHC                   | ND     | 2.0     | 15       | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | beta-BHC                   | ND     | 16      | 62       | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | beta-BHC                   | ND     | 8.1     | 31       | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 1000000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 4000000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | Bis(2-chloroethoxy)methane | ND     | 210     | 330      | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                    | Result | DL      | RL      | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------|--------|---------|---------|-------|------------|-------|
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 21000   | 33000   | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1000    | 1700    | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 25000   | 40000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 3200    | 5000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 6300    | 10000   | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 7900    | 12000   | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 32000   | 50000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 5200    | 8300    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 16000   | 25000   | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 10000   | 17000   | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 3200    | 5000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 21000   | 33000   | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1000    | 1700    | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1600    | 2500    | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1000    | 1700    | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1000    | 1700    | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 7900    | 12000   | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 21000   | 33000   | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 21000   | 33000   | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 31000   | 50000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 31000   | 50000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 79000   | 120000  | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 31000   | 50000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 63000   | 100000  | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 31000   | 50000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 6300    | 10000   | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 13000   | 20000   | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 13000   | 20000   | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 63000   | 100000  | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 21000   | 33000   | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 10000   | 17000   | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 320     | 500     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 210     | 330     | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 320     | 500     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 3200    | 5000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 420     | 670     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 1000    | 1700    | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 10000   | 17000   | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 10000   | 17000   | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 8400    | 13000   | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 5200    | 8300    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 6300    | 10000   | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroethoxy)methane | ND     | 4200    | 6700    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1300000 | 1700000 | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 5200000 | 6800000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 5400    | 10000   | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 90      | 170     | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 2200    | 4200    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 2200    | 4200    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 11000   | 20000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 5400    | 10000   | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 900     | 1700    | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 90      | 170     | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 2200    | 4200    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 90      | 170     | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 9000    | 17000   | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 450     | 840     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 11000   | 20000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1400    | 2500    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 2700    | 5000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1800    | 3300    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 3400    | 6300    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 14000   | 25000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 2200    | 4200    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 6800    | 13000   | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 4500    | 8400    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether    | ND     | 1400    | 2500    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 450     | 840      | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 680     | 1300     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 450     | 840      | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 450     | 840      | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 3400    | 6300     | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 14000   | 25000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 14000   | 25000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 34000   | 63000    | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 14000   | 25000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 14000   | 25000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 2700    | 5000     | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 4500    | 8400     | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 140     | 250      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 90      | 170      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 140     | 250      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1400    | 2500     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 180     | 330      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1800    | 3300     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1800    | 3300     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 450     | 840      | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 4500    | 8400     | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 4500    | 8400     | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1800    | 3300     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1800    | 3300     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 2200    | 4200     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 2700    | 5000     | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroethyl)ether     | ND     | 1800    | 33000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 35000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 2900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 29000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 35000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 4400    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 8700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 11000   | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 44000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 7200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 22000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 14000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 4400    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 2200    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 11000   | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 29000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                     | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 43000   | 50000    | ug/kg | RL-2       | C     |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 110000  | 120000   | ug/kg | RL-2       | C     |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 43000   | 50000    | ug/kg | RL-2       | C     |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 87000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 43000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 8700    | 10000    | ug/kg | RL-2       | C     |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 87000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 29000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 14000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 440     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 290     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 440     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 4400    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 580     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 14000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 14000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       | C     |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 12000   | 13000    | ug/kg | RL-2       | C     |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       | C     |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 7200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 8700    | 10000    | ug/kg | RL-2       | C     |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-chloroisopropyl)ether | ND     | 5800    | 6700     | ug/kg | RL-2       | C     |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 980000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 3900000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 30000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 2500    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 25000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 1200    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 30000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 3800    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 9400    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 38000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 19000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 3800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 1900    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 1200    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 9400    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 94000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 75000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 75000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 25000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 380     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate  | ND     | 250     | 330      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                    | Result | DL    | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------|--------|-------|-------|-------|------------|-------|
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 380   | 500   | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 3800  | 5000  | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 500   | 670   | ug/kg | RL-1       | M1    |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 1200  | 1700  | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 12000 | 17000 | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 12000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 10000 | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 6200  | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 7500  | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Bis(2-ethylhexyl)phthalate | ND     | 5000  | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene               | ND     | 680   | 5000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene               | ND     | 340   | 2500  | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 42    | 310   | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 39    | 290   | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 41    | 300   | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 110   | 790   | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 120   | 920   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 38    | 280   | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 46    | 340   | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 1.2   | 7.0   | ug/kg |            |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 48    | 350   | ug/kg |            |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 110   | 820   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 4.2   | 25    | ug/kg | RL-2       |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 46    | 340   | ug/kg |            |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 40    | 290   | ug/kg |            |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 54    | 390   | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 680   | 5000  | ug/kg |            |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 39    | 290   | ug/kg |            |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 51    | 380   | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 4.2   | 25    | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 1.1   | 6.3   | ug/kg |            |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 41    | 300   | ug/kg |            |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 0.73  | 4.3   | ug/kg |            |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 340   | 2500  | ug/kg |            |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 170   | 1200  | ug/kg |            |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 30    | 220   | ug/kg |            |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromobenzene               | ND     | 1.1   | 6.4   | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 65    | 480   | ug/kg |            |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 150   | 1100  | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg | A-01a      |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 120   | 860   | ug/kg |            |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 120   | 860   | ug/kg |            |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 47    | 340   | ug/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg | A-01a      |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 47    | 340   | ug/kg |            |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromobenzene               | ND     | 51    | 370   | ug/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromobenzene               | ND     | 680   | 5000  | ug/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromobenzene               | ND     | 680   | 5000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene               | ND     | 68    | 500   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene               | ND     | 850   | 6200  | ug/kg |            |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene               | ND     | 380   | 2800  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene               | ND     | 8.4   | 50    | ug/kg |            |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg |            |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene               | ND     | 0.84  | 5.0   | ug/kg |            | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene               | ND     | 1000  | 7400  | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene               | ND     | 340   | 2500  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene               | ND     | 34    | 250   | ug/kg | RL-2       |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene               | ND     | 1.0   | 6.0   | ug/kg |            | I     |

**Table E-1**  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|-------|-------|-------|-------|
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene       | ND     | 140  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromobenzene       | ND     | 41   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 8.4  | 50    | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromobenzene       | ND     | 4.2  | 25    | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 340  | 2500  | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | Bromobenzene       | ND     | 1400 | 10000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromobenzene       | ND     | 8.4  | 50    | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromobenzene       | ND     | 8.4  | 50    | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 54   | 390   | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 31   | 230   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.71 | 4.3   | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 0.84 | 5.0   | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 2.1  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 42   | 310   | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Bromobenzene       | ND     | 44   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Bromobenzene       | ND     | 8.4  | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Bromobenzene       | ND     | 34   | 250   | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 62   | 310   | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 58   | 290   | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 61   | 300   | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 160  | 790   | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 180  | 920   | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 56   | 280   | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 68   | 340   | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 0.62 | 7.0   | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 70   | 350   | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 160  | 820   | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 2.2  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 68   | 340   | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 59   | 290   | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 79   | 390   | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 57   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 75   | 380   | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 2.2  | 25    | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 0.56 | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 61   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|-------|-------|-------|-------|
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 0.38 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 250  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 44   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromochloromethane | ND     | 0.57 | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 96   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 220  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 170  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 170  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 68   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 69   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromochloromethane | ND     | 75   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromochloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromochloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 100  | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 1200 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 560  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 4.4  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 1500 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 0.53 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 200  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromochloromethane | ND     | 61   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 4.4  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromochloromethane | ND     | 2.2  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Bromochloromethane | ND     | 2000 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromochloromethane | ND     | 4.4  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromochloromethane | ND     | 4.4  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 79   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 45   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.37 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 0.44 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 1.1  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 62   | 310   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Bromochloromethane | ND     | 65   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromochloromethane | ND     | 50   | 250   | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|------|------|-------|-------|-------|
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromochloromethane   | ND     | 50   | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromochloromethane   | ND     | 50   | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromochloromethane   | ND     | 4.4  | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromochloromethane   | ND     | 50   | 250  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromochloromethane   | ND     | 50   | 250  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 620  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 310  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 39   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 36   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 38   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 98   | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 110  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 35   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 42   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 0.59 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 44   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 100  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 2.1  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 42   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 36   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 49   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 620  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 36   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 47   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 2.1  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 0.53 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 38   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 0.37 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 310  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 160  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 28   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromodichloromethane | ND     | 0.54 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 59   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 130  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 110  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 110  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 42   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 43   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromodichloromethane | ND     | 46   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromodichloromethane | ND     | 620  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromodichloromethane | ND     | 620  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 62   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 780  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 350  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 4.2  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 920  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 310  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 0.51 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 120  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromodichloromethane | ND     | 38   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 4.2  | 20   | ug/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|----------------------|--------|------|------|-------|-------|-------|
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromodichloromethane | ND     | 2.1  | 10   | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 310  | 1000 | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | Bromodichloromethane | ND     | 1200 | 4000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromodichloromethane | ND     | 4.2  | 20   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromodichloromethane | ND     | 4.2  | 20   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 49   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 28   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.36 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 0.42 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 39   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Bromodichloromethane | ND     | 40   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Bromodichloromethane | ND     | 4.2  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Bromodichloromethane | ND     | 31   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform            | ND     | 780  | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform            | ND     | 390  | 2500 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 49   | 310  | ug/kg |       |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 45   | 290  | ug/kg |       |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 47   | 300  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 120  | 790  | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 140  | 920  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 44   | 280  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 53   | 340  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 1.1  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 55   | 350  | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 130  | 820  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 4.0  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 53   | 340  | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 46   | 290  | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 62   | 390  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 780  | 5000 | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 45   | 290  | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 59   | 380  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 4.0  | 25   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 1.0  | 6.3  | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 47   | 300  | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 0.70 | 4.3  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 0.80 | 5.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | Bromoform            | ND     | 390  | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 200  | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 35   | 220  | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Bromoform            | ND     | 1.0  | 6.4  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 39   | 250  | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform            | ND     | 75   | 480  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|-------|-------|-------|-------|
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform    | ND     | 170  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform    | ND     | 130  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform    | ND     | 130  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform    | ND     | 53   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform    | ND     | 54   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromoform    | ND     | 58   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromoform    | ND     | 780  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromoform    | ND     | 780  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform    | ND     | 78   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform    | ND     | 980  | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform    | ND     | 430  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 8.0  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 1200 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 390  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 0.97 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 160  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromoform    | ND     | 47   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 8.0  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromoform    | ND     | 4.0  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 390  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Bromoform    | ND     | 1600 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromoform    | ND     | 8.0  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromoform    | ND     | 8.0  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 62   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 35   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.68 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 0.80 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 2.0  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 49   | 310   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Bromoform    | ND     | 51   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       | M2    |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromoform    | ND     | 8.0  | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromoform    | ND     | 39   | 250   | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 900  | 5000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 56   | 310   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|-------|-------|-------|-------|
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 52   | 290   | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 55   | 300   | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 140  | 790   | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 170  | 920   | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 51   | 280   | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 61   | 340   | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 1.3  | 7.0   | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 63   | 350   | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 150  | 820   | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 4.6  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 61   | 340   | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 53   | 290   | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 71   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 52   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 68   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 4.6  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 1.2  | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 54   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 0.80 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 220  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 40   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Bromomethane | ND     | 1.2  | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 86   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 190  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 160  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 160  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 62   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 62   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Bromomethane | ND     | 67   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Bromomethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromomethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 90   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 1100 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 500  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 9.2  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       | L     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 1300 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 1.1  | 6.0   | ug/kg |       | L     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 180  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Bromomethane | ND     | 55   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 9.2  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Bromomethane | ND     | 4.6  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Bromomethane | ND     | 1800 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Bromomethane | ND     | 0.92 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Bromomethane | ND     | 45   | 250   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|---------|----------|-------|-------|-------|
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromomethane           | ND     | 9.2     | 50       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Bromomethane           | ND     | 9.2     | 50       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 71      | 390      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 41      | 230      | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.78    | 4.3      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 0.92    | 5.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 2.3     | 12       | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 56      | 310      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Bromomethane           | ND     | 59      | 330      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromomethane           | ND     | 9.2     | 50       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Bromomethane           | ND     | 45      | 250      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 1100000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4400000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 10000   | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4200    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4200    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 20000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 10000   | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 1700    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4200    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 17000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 850     | 1700     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 20000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 2600    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 5100    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 6400    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 26000   | 50000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4200    | 8300     | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 13000   | 25000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 8500    | 17000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 2600    | 5000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 17000   | 33000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 850     | 1700     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 1300    | 2500     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 850     | 1700     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 850     | 1700     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 6400    | 12000    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 17000   | 33000    | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 17000   | 33000    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170     | 330      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 26000   | 50000    | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 26000   | 50000    | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 64000   | 120000   | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 26000   | 50000    | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 51000   | 100000   | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 26000   | 50000    | ug/kg | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 5100    | 10000    | ug/kg | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 10000   | 20000    | ug/kg | RL-2  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|-------|--------|-------|------------|-------|
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 10000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 51000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 17000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 170   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 260   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 2600  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 340   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 850   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 8500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 8500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 6800  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 4200  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 5100  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Butyl benzyl phthalate | ND     | 3400  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cadmium                | 0.56   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Cadmium                | 0.52   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cadmium                | 1.4    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cadmium                | 0.73   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cadmium                | 1.8    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Cadmium                | 0.69   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cadmium                | 12     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cadmium                | 0.60   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cadmium                | 0.68   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Cadmium                | 0.58   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cadmium                | 0.60   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cadmium                | 6.8    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | 0.62   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | 0.74   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | 0.80   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cadmium                | 0.72   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | ND     | 0.13  | 1.5    | mg/kg |            | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cadmium                | 3.1    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cadmium                | 5.2    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cadmium                | 2.0    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cadmium                | 9.8    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cadmium                | 5.1    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cadmium                | 6.9    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cadmium                | 3.1    | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cadmium                | 0.53   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cadmium                | 0.56   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cadmium                | 0.72   | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cadmium                | ND     | 0.086 | 1.0    | mg/kg |            | RL-1  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Cadmium                | ND     | 0.043 | 0.50   | mg/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Cadmium                | 0.66   | 0.043 | 0.50   | mg/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL    | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|-------|------|-------|-------|-------|
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Cadmium              | ND     | 0.043 | 0.50 | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Cadmium              | 0.89   | 0.043 | 0.50 | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Cadmium              | 1.3    | 0.043 | 0.50 | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Cadmium              | 1.1    | 0.043 | 0.50 | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Cadmium              | 0.86   | 0.043 | 0.50 | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Cadmium              | 0.56   | 0.043 | 0.50 | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 560   | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 280   | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 35    | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 32    | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 34    | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 89    | 790  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 100   | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 31    | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 38    | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.93  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 39    | 350  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 92    | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 3.3   | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 38    | 340  | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 33    | 290  | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 44    | 390  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 560   | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 32    | 290  | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 42    | 380  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 3.3   | 25   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.84  | 6.3  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 34    | 300  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.57  | 4.3  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 280   | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 140   | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 25    | 220  | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.85  | 6.4  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 54    | 480  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 120   | 1100 | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 97    | 860  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 97    | 860  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 38    | 340  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 39    | 340  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Carbon tetrachloride | ND     | 42    | 370  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       | C     |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Carbon tetrachloride | ND     | 560   | 5000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Carbon tetrachloride | ND     | 560   | 5000 | ug/kg |       | C     |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 56    | 500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 700   | 6200 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 310   | 2800 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Carbon tetrachloride | ND     | 6.6   | 50   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 830   | 7400 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 280   | 2500 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.80  | 6.0  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 110   | 1000 | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Carbon tetrachloride | ND     | 34    | 300  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Carbon tetrachloride | ND     | 0.66  | 5.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Carbon tetrachloride | ND     | 28    | 250  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte              | Result | DL    | RL    | Units | LNOTE     | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|----------------------|--------|-------|-------|-------|-----------|-------|
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Carbon tetrachloride | ND     | 6.6   | 50    | ug/kg |           |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Carbon tetrachloride | ND     | 3.3   | 25    | ug/kg |           |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Carbon tetrachloride | ND     | 280   | 2500  | ug/kg |           |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B      | Carbon tetrachloride | ND     | 1100  | 10000 | ug/kg |           |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B      | Carbon tetrachloride | ND     | 6.6   | 50    | ug/kg |           |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B      | Carbon tetrachloride | ND     | 6.6   | 50    | ug/kg |           |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 44    | 390   | ug/kg | RL-2      |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 25    | 230   | ug/kg |           |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.56  | 4.3   | ug/kg |           |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 0.66  | 5.0   | ug/kg |           |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 1.6   | 12    | ug/kg |           |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 35    | 310   | ug/kg |           |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B      | Carbon tetrachloride | ND     | 36    | 330   | ug/kg | RL-2      |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | Carbon tetrachloride | ND     | 6.6   | 50    | ug/kg | RL-4      |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B      | Carbon tetrachloride | ND     | 28    | 250   | ug/kg |           |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 5000  | 25000 | ug/kg | RL-1      |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 15000 | 75000 | ug/kg | RL-1      |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Chlordane            | ND     | 7.3   | 50    | ug/kg |           |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Chlordane            | ND     | 73    | 500   | ug/kg |           |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Chlordane            | ND     | 73    | 500   | ug/kg |           |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Chlordane            | ND     | 91    | 620   | ug/kg |           |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Chlordane            | ND     | 180   | 1200  | ug/kg |           |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Chlordane            | ND     | 150   | 1000  | ug/kg | RL-1      |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Chlordane            | ND     | 73    | 500   | ug/kg | RL-1      |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 2500  | 12000 | ug/kg | RL-1      |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 200   | 1000  | ug/kg | RL-1      |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 200   | 1000  | ug/kg | RL-1      |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 500   | 2500  | ug/kg | RL-1      |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 50    | 250   | ug/kg | RL-3      |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 99    | 500   | ug/kg | RL-1      |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 99    | 500   | ug/kg | RL-3      |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 1200  | 6200  | ug/kg | RL-3      |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Chlordane            | ND     | 200   | 1000  | ug/kg | RL-3      |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 15    | 75    | ug/kg |           |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 200   | 1000  | ug/kg | RL-1      |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 200   | 1000  | ug/kg | RL-1      |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Chlordane            | ND     | 120   | 620   | ug/kg | RL-1      |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Chlordane            | ND     | 120   | 620   | ug/kg | RL-1      |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 500   | 2500  | ug/kg | C-7, RL-1 |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 25    | 120   | ug/kg | C-7       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | ND     | 15    | 75    | ug/kg | RL-1      |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg |           |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | ND     | 15    | 75    | ug/kg |           |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | ND     | 25    | 120   | ug/kg |           |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Chlordane            | 61     | 9.9   | 50    | ug/kg |           |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 30    | 150   | ug/kg | C-7       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 300   | 1500  | ug/kg | C-7, RL-1 |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 9.9   | 50    | ug/kg | C-7       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Chlordane            | ND     | 30    | 150   | ug/kg | C-7       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte          | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|----------------|------------------|--------|------|------|-------|------------|-------|
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg |            |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Chlordane        | ND     | 120  | 620  | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Chlordane        | ND     | 62   | 310  | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8081A      | Chlordane (tech) | ND     | 400  | 400  | ug/kg | R-05       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8081A      | Chlordane (tech) | ND     | 100  | 100  | ug/kg | C-06, R-05 |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8081A      | Chlordane (tech) | ND     | 400  | 400  | ug/kg | R-05       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8081A      | Chlordane (tech) | ND     | 100  | 100  | ug/kg | C-06, R-05 |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8081A      | Chlordane (tech) | ND     | 400  | 400  | ug/kg | R-05       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8081A      | Chlordane (tech) | ND     | 4000 | 4000 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8081A      | Chlordane (tech) | ND     | 200  | 200  | ug/kg | C-06, R-05 |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8081A      | Chlordane (tech) | ND     | 970  | 1600 | ug/kg |            | R-01  |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Chlorobenzene    | ND     | 600  | 2000 | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Chlorobenzene    | ND     | 300  | 1000 | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 37   | 120  | ug/kg |            |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 35   | 120  | ug/kg |            |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 36   | 120  | ug/kg |            |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg | A-01a      |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 95   | 320  | ug/kg |            |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 110  | 370  | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 34   | 110  | ug/kg |            |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 41   | 140  | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.73 | 2.8  | ug/kg |            |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 42   | 140  | ug/kg |            |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 98   | 330  | ug/kg |            |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 2.6  | 10   | ug/kg | RL-2       |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 41   | 140  | ug/kg |            |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 35   | 120  | ug/kg |            |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | 3.2    | 0.52 | 2.0  | ug/kg |            |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 47   | 160  | ug/kg |            |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 600  | 2000 | ug/kg |            |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 34   | 110  | ug/kg |            |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 45   | 150  | ug/kg |            |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 2.6  | 10   | ug/kg |            |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg |            |       |
| PNL-09-10-EC       | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.66 | 2.5  | ug/kg |            |       |
| PNL-09-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 36   | 120  | ug/kg |            |       |
| PNL-09-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg |            |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg |            |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.45 | 1.7  | ug/kg |            |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg |            |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg |            |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 300  | 1000 | ug/kg |            |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 150  | 500  | ug/kg |            |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 27   | 89   | ug/kg |            |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.67 | 2.6  | ug/kg |            |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-12-16-EC       | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 57   | 190  | ug/kg |            |       |
| PNL-12-18-EC       | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 130  | 430  | ug/kg |            |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg | A-01a      |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 100  | 340  | ug/kg |            |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 100  | 340  | ug/kg |            |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 41   | 140  | ug/kg |            |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B      | Chlorobenzene    | ND     | 0.52 | 2.0  | ug/kg | A-01a      |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 41   | 140  | ug/kg |            |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B      | Chlorobenzene    | ND     | 45   | 150  | ug/kg |            |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8260B      | Chlorobenzene    | ND     | 30   | 100  | ug/kg |            |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte       | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------|--------|------|------|-------|-------|-------|
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chlorobenzene | ND     | 600  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chlorobenzene | ND     | 600  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chlorobenzene | ND     | 60   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chlorobenzene | ND     | 750  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chlorobenzene | ND     | 330  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 5.2  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 890  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 0.63 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 120  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chlorobenzene | ND     | 36   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 5.2  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chlorobenzene | ND     | 2.6  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Chlorobenzene | ND     | 1200 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chlorobenzene | ND     | 5.2  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chlorobenzene | ND     | 5.2  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 47   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 27   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.44 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 0.52 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 1.3  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 37   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Chlorobenzene | ND     | 39   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chlorobenzene | ND     | 5.2  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chlorobenzene | ND     | 30   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane  | ND     | 900  | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane  | ND     | 450  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane  | ND     | 45   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane  | ND     | 56   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane  | ND     | 52   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane  | ND     | 55   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane  | ND     | 1.1  | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 45   | 250  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 140  | 790  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 170  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Chloroethane  | ND     | 45   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane  | ND     | 51   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane  | ND     | 61   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 45   | 250  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 1.5  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane  | ND     | 63   | 350  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|-------|-------|-------|-------|
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane | ND     | 150  | 820   | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 5.5  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 61   | 340   | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 53   | 290   | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 71   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 52   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 68   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 5.5  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 1.4  | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 54   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 0.96 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 220  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 40   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroethane | ND     | 1.4  | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane | ND     | 86   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane | ND     | 190  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane | ND     | 160  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane | ND     | 160  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane | ND     | 62   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 62   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroethane | ND     | 67   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroethane | ND     | 900  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane | ND     | 90   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane | ND     | 1100 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane | ND     | 500  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 11   | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 1300 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 1.3  | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 180  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroethane | ND     | 55   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 11   | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroethane | ND     | 5.5  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 450  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Chloroethane | ND     | 1800 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroethane | ND     | 11   | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroethane | ND     | 11   | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 71   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 41   | 230   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|------|-------|-------|-------|
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 0.94 | 4.3  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 2.8  | 12   | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 56   | 310  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroethane | ND     | 59   | 330  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chloroethane | ND     | 11   | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chloroethane | ND     | 45   | 250  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform   | ND     | 880  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform   | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 55   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 51   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 54   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 140  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 160  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 49   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 60   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 0.56 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 62   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 140  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 2.0  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 59   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 52   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 69   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 51   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 66   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 2.0  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 0.51 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 53   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 0.35 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 220  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 39   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloroform   | ND     | 0.52 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 84   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 190  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 150  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 150  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 60   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Chloroform   | ND     | 0.40 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 61   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloroform   | ND     | 66   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloroform   | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroform   | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloroform   | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform   | ND     | 88   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform   | ND     | 1100 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform   | ND     | 490  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform   | ND     | 4.0  | 20   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID           | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte       | Result | DL   | RL   | Units | LNOTE | ANOTE |
|---------------------|-----------|---------------|--------------|-----------|---------------|--------|------|------|-------|-------|-------|
| PNL-F03-15-EC       | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F04-11-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 1300 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5   | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5   | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC       | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 0.48 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14     | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 180  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC     | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloroform    | ND     | 54   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11    | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F09-14          | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F17-10          | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F18-12          | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F18-9.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 4.0  | 20   | ug/kg |       |       |
| PNL-F19-10.5        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloroform    | ND     | 2.0  | 10   | ug/kg |       |       |
| PNL-F21-11.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-F25-19          | VIII      | ING0094       | 07/01/04     | EPA 8260B | Chloroform    | ND     | 1800 | 4000 | ug/kg |       |       |
| PNL-F27-8.5         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-L1A             | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L1B             | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L2A             | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L2B             | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L3A             | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L3B             | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L4A             | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L4B             | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroform    | ND     | 4.0  | 20   | ug/kg |       |       |
| PNL-L5A             | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloroform    | ND     | 4.0  | 20   | ug/kg |       |       |
| PNL-L5B             | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 69   | 160  | ug/kg | RL-2  |       |
| PNL-PB1             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 40   | 90   | ug/kg |       |       |
| PNL-PC1             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PC1A            | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PD1             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC        | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PD1B            | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PE1             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC        | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.34 | 1.7  | ug/kg |       |       |
| PNL-PG1             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PH1-11          | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PH1-12.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 0.40 | 2.0  | ug/kg |       |       |
| PNL-PH1-7           | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC        | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 55   | 120  | ug/kg |       |       |
| PNL-PH1-8.5         | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Chloroform    | ND     | 57   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile  | III       | INE0965       | 05/17/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile  | III       | INE1148       | 05/19/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile  | III       | INE1250       | 05/20/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile  | III       | INE1148       | 05/19/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile  | III       | INE1120       | 05/18/04     | EPA 8260B | Chloroform    | ND     | 4.0  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile  | III       | INE1120       | 05/18/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       | M1    |
| PNL-TP07-Stockpile  | III       | INE1250       | 05/20/04     | EPA 8260B | Chloroform    | ND     | 44   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 1000 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 500  | 2500 | ug/kg |       |       |
| PNL-01              | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 62   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 58   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 61   | 300  | ug/kg |       |       |
| PNL-02              | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0  | ug/kg | A-01a |       |
| PNL-03              | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |
| PNL-03-19-EC        | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 160  | 790  | ug/kg |       |       |
| PNL-03-21.5-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 180  | 920  | ug/kg |       |       |
| PNL-04              | I         | INE0119       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |
| PNL-04-21.5         | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 56   | 280  | ug/kg |       |       |
| PNL-04-24.5         | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 68   | 340  | ug/kg |       |       |
| PNL-05              | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |
| PNL-05-10-EC        | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 2.0  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 70   | 350  | ug/kg |       |       |
| PNL-05A-25-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 160  | 820  | ug/kg |       |       |
| PNL-06              | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 7.0  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 68   | 340  | ug/kg |       |       |
| PNL-06-21.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 59   | 290  | ug/kg |       |       |
| PNL-06-9.5-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0  | ug/kg |       |       |
| PNL-07              | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |
| PNL-07-12.5         | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 79   | 390  | ug/kg |       |       |
| PNL-08              | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 1000 | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 50   | 250  | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte       | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------|--------|------|-------|-------|-------|-------|
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 57   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 75   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 7.0  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 1.8  | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 61   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 1.2  | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 250  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 44   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Chloromethane | ND     | 1.8  | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 96   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 220  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 170  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 170  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 68   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 69   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Chloromethane | ND     | 75   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Chloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloromethane | ND     | 1000 | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 100  | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 1200 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 560  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 14   | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 1500 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 1.7  | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 200  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Chloromethane | ND     | 61   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 14   | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Chloromethane | ND     | 7.0  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 500  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Chloromethane | ND     | 2000 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloromethane | ND     | 14   | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Chloromethane | ND     | 14   | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       | M2    |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 79   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 45   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.2  | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Chloromethane | ND     | 1.4  | 5.0   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte       | Result | DL    | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------|--------|-------|------|-------|-------|-------|
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 1.4   | 5.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 3.5   | 12   | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 62    | 310  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Chloromethane | ND     | 65    | 330  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chloromethane | ND     | 14    | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Chloromethane | ND     | 50    | 250  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | 2.4    | 0.17  | 2.0  | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | ND     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Chromium      | 40     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Chromium      | 35     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Chromium      | 20     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Chromium      | 14     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Chromium      | 22     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Chromium      | 12     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Chromium      | 52     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Chromium      | 58     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Chromium      | 18     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Chromium      | 20     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Chromium      | 5.0    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Chromium      | 24     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Chromium      | 21     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Chromium      | 66     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Chromium      | 31     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Chromium      | 84     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Chromium      | 28     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Chromium      | 25     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Chromium      | 17     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Chromium      | 26     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Chromium      | 56     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Chromium      | 10     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Chromium      | 24     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | 12     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | 28     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 20     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 31     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 8.0    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 30     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 12     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 31     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Chromium      | 28     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | ND     | 0.26  | 3.0  | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 5.6    | 0.085 | 1.0  | mg/kg |       | RL-1  |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 4.7    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 15     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Chromium      | 9.1    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 7.3    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 7.2    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Chromium      | 6.6    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Chromium      | 11     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Chromium      | 110    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Chromium      | 96     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Chromium      | 56     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Chromium      | 300    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Chromium      | 110    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Chromium      | 180    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Chromium      | 74     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Chromium      | 26     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Chromium      | 22     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Chromium      | 110    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 24     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 16     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Chromium      | 19     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Chromium      | 27     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Chromium      | 15     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Chromium      | 27     | 0.17  | 2.0  | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Chromium      | 21     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 21     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 15     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 23     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Chromium      | 25     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Chromium      | 35     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Chromium      | 180    | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Chromium      | 36     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Chromium      | 56     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Chromium      | 20     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Chromium      | 27     | 0.085 | 1.0  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Chromium      | 15     | 0.085 | 1.0  | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI   | ND     | 0.013 | 0.20 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte     | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------|--------|---------|----------|-------|-------|-------|
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | 0.25   | 0.013   | 0.20     | mg/kg |       | A-01  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       | M2    |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 7199  | Chromium VI | 0.23   | 0.013   | 0.20     | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       | M2    |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       | M2    |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       | M2    |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 7199  | Chromium VI | 0.20   | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 7199  | Chromium VI | ND     | 0.013   | 0.20     | mg/kg |       | M2    |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene    | ND     | 1100000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene    | ND     | 4400000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Chrysene    | ND     | 9600    | 20000    | ug/kg |       | RL-2  |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Chrysene    | ND     | 160     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Chrysene    | ND     | 4000    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Chrysene    | ND     | 3200    | 6700     | ug/kg |       | RL-2  |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Chrysene    | ND     | 4000    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Chrysene    | ND     | 3200    | 6700     | ug/kg |       | RL-1  |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Chrysene    | ND     | 19000   | 40000    | ug/kg |       | RL-2  |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Chrysene    | ND     | 9600    | 20000    | ug/kg |       | RL-2  |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Chrysene    | ND     | 1600    | 3300     | ug/kg |       | RL-1  |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Chrysene    | ND     | 3200    | 6700     | ug/kg |       | RL-1  |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Chrysene    | ND     | 160     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Chrysene    | ND     | 4000    | 8300     | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|-------|--------|-------|------------|-------|
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Chrysene               | ND     | 16000 | 33000  | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Chrysene               | ND     | 800   | 1700   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Chrysene               | ND     | 19000 | 40000  | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Chrysene               | ND     | 2400  | 5000   | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Chrysene               | ND     | 4800  | 10000  | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Chrysene               | ND     | 6000  | 12000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Chrysene               | ND     | 24000 | 50000  | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene               | ND     | 4000  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene               | ND     | 12000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 8000  | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 2400  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 16000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 800   | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 1200  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 800   | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Chrysene               | ND     | 800   | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 6000  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 16000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Chrysene               | ND     | 16000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Chrysene               | ND     | 24000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Chrysene               | ND     | 24000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Chrysene               | ND     | 60000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Chrysene               | ND     | 24000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Chrysene               | ND     | 48000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Chrysene               | ND     | 24000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Chrysene               | ND     | 4800  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Chrysene               | ND     | 9600  | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Chrysene               | ND     | 9600  | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Chrysene               | ND     | 48000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 16000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 8000  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Chrysene               | ND     | 240   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Chrysene               | ND     | 160   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Chrysene               | ND     | 240   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Chrysene               | ND     | 2400  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Chrysene               | ND     | 320   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 800   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Chrysene               | ND     | 8000  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Chrysene               | ND     | 8000  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Chrysene               | ND     | 6400  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Chrysene               | ND     | 4000  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Chrysene               | ND     | 4800  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Chrysene               | ND     | 3200  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 960   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 480   | 1000   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 60    | 120    | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 56    | 120    | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 58    | 120    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35  | 2.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 150   | 320    | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 180   | 370    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 54    | 110    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 65    | 140    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.49  | 2.8    | ug/kg |            |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 67    | 140    | ug/kg |            |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 160   | 330    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1.8   | 10     | ug/kg | RL-2       |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 65    | 140    | ug/kg |            |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 56    | 120    | ug/kg |            |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35  | 2.0    | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 76    | 160    | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 960   | 2000   | ug/kg |            |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48    | 100    | ug/kg |            |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 55    | 110    | ug/kg |            |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 72    | 150    | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1.8   | 10     | ug/kg |            |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|------|-------|-------|-------|
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.44 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 58   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.30 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 240  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 43   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.45 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 92   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 210  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 170  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 170  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 66   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 66   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 72   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 960  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 960  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 96   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1200 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 530  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 3.5  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1400 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.42 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 190  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 58   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 3.5  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1.8  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 1900 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 3.5  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 3.5  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 76   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 43   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.30 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.35 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene | ND     | 0.88 | 5.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------------|--------|------|------|-------|-------|-------|
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 60   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 62   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 3.5  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       | M1    |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | cis-1,2-Dichloroethene  | ND     | 48   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 720  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 360  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 45   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 42   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 44   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 110  | 320  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 130  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 40   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 49   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.62 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 51   | 140  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 120  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 2.2  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 49   | 140  | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 42   | 120  | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 57   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 720  | 2000 | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 41   | 110  | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 54   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 2.2  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.56 | 2.5  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 44   | 120  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.38 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 360  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 180  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 32   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.57 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 69   | 190  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 160  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 49   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 50   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 54   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 720  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 720  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 72   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 900  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 400  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 4.4  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 1100 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 360  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.53 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 140  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 44   | 120  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------------|--------|------|------|-------|-------|-------|
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 4.4  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 2.2  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 360  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 1400 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 4.4  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 4.4  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 57   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 33   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.37 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 0.44 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 1.1  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 45   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 47   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 4.4  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       | M1    |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | cis-1,3-Dichloropropene | ND     | 36   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt                  | ND     | 0.22 | 2.0  | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt                  | ND     | 0.11 | 1.0  | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cobalt                  | 3.2    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Cobalt                  | 12     | 0.22 | 2.0  | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cobalt                  | 5.0    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Cobalt                  | 4.2    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cobalt                  | 4.7    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cobalt                  | 3.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cobalt                  | 4.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cobalt                  | 4.8    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Cobalt                  | 5.6    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Cobalt                  | 5.4    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Cobalt                  | 2.2    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Cobalt                  | 7.6    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Cobalt                  | 4.9    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Cobalt                  | 4.1    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Cobalt                  | 11     | 0.22 | 2.0  | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Cobalt                  | 5.8    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cobalt                  | 3.9    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cobalt                  | 5.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Cobalt                  | 4.4    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cobalt                  | 4.1    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Cobalt                  | 3.8    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cobalt                  | 3.2    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Cobalt                  | 2.8    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt                  | 3.5    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt                  | 9.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt                  | 6.0    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 11     | 0.22 | 2.0  | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 2.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 12     | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 3.7    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 9.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Cobalt                  | 8.7    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt                  | ND     | 0.33 | 3.0  | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt                  | 1.3    | 0.11 | 1.0  | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt                  | 1.3    | 0.11 | 1.0  | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------|--------|------|-----|-------|-------|-------|
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt  | 4.5    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Cobalt  | 2.6    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt  | 1.8    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt  | 2.3    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Cobalt  | 1.2    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Cobalt  | 3.2    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cobalt  | 3.5    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cobalt  | 3.6    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cobalt  | 3.3    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Cobalt  | 6.5    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cobalt  | 3.8    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cobalt  | 3.8    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cobalt  | 3.8    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cobalt  | 5.7    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Cobalt  | 4.2    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Cobalt  | 3.2    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 9.3    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 4.7    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cobalt  | 4.2    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cobalt  | 7.6    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Cobalt  | 3.8    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cobalt  | 9.2    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Cobalt  | 7.4    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 6.1    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 4.6    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 4.9    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Cobalt  | 6.1    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Cobalt  | 4.7    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Cobalt  | 3.0    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Cobalt  | 5.7    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Cobalt  | 3.9    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Cobalt  | 5.0    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Cobalt  | 5.0    | 0.11 | 1.0 | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Cobalt  | 4.6    | 0.11 | 1.0 | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | 12     | 0.44 | 4.0 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | ND     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Copper  | 29     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Copper  | 33     | 0.44 | 4.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Copper  | 23     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Copper  | 17     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Copper  | 20     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Copper  | 18     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Copper  | 38     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Copper  | 30     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Copper  | 15     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Copper  | 14     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Copper  | 4.0    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Copper  | 22     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Copper  | 19     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Copper  | 23     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Copper  | 26     | 0.44 | 4.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Copper  | 54     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Copper  | 29     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Copper  | 26     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Copper  | 19     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Copper  | 25     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Copper  | 26     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Copper  | 8.2    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Copper  | 22     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | 5.1    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | 32     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 18     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 41     | 0.44 | 4.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 6.0    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 36     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 9.1    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 35     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Copper  | 29     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | ND     | 0.66 | 6.0 | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 2.5    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 2.6    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 15     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Copper  | 5.5    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 3.4    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 6.3    | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Copper  | ND     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Copper  | 10     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Copper  | 34     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Copper  | 43     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Copper  | 46     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Copper  | 97     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Copper  | 44     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Copper  | 38     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Copper  | 27     | 0.22 | 2.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Copper  | 27     | 0.22 | 2.0 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte   | Result | DL   | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------|--------|------|-------|-------|------------|-------|
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B      | Copper    | 22     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B      | Copper    | 24     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 23     | 0.44 | 4.0   | mg/kg |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 15     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 13     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 26     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 23     | 0.44 | 4.0   | mg/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 9.4    | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 24     | 0.44 | 4.0   | mg/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B      | Copper    | 22     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 29     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 12     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 21     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B      | Copper    | 30     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B      | Copper    | 24     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B      | Copper    | 23     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B      | Copper    | 19     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B      | Copper    | 50     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B      | Copper    | 19     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B      | Copper    | 27     | 0.22 | 2.0   | mg/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B      | Copper    | 51     | 0.22 | 2.0   | mg/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 280  | 5000  | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 820  | 15000 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | delta-BHC | ND     | 5.9  | 20    | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | delta-BHC | ND     | 2.0  | 10    | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | delta-BHC | ND     | 20   | 100   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | delta-BHC | ND     | 1.5  | 5.0   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | delta-BHC | ND     | 20   | 100   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | delta-BHC | ND     | 5.9  | 20    | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | delta-BHC | ND     | 1.5  | 5.0   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | delta-BHC | ND     | 25   | 120   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | delta-BHC | ND     | 50   | 250   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | delta-BHC | ND     | 40   | 200   | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | delta-BHC | ND     | 20   | 100   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | delta-BHC | 49     | 5.9  | 20    | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | delta-BHC | ND     | 59   | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | delta-BHC | ND     | 2.9  | 10    | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 140  | 2500  | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 11   | 200   | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 11   | 200   | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 28   | 500   | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 2.8  | 50    | ug/kg | RL-3       | M2    |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 5.5  | 100   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 5.5  | 100   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 69   | 1200  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | delta-BHC | ND     | 11   | 200   | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 0.82 | 15    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 11   | 200   | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 11   | 200   | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | delta-BHC | ND     | 12   | 120   | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | delta-BHC | ND     | 12   | 120   | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | delta-BHC | ND     | 5.5  | 160   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC | ND     | 28   | 500   | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC | ND     | 1.4  | 25    | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 0.82 | 15    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 0.82 | 15    | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 1.4  | 25    | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC | ND     | 1.6  | 30    | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC | ND     | 16   | 300   | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC | ND     | 0.55 | 10    | ug/kg | C-7        |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte               | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------------------|--------|---------|----------|-------|------------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | delta-BHC             | ND     | 1.6     | 30       | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | delta-BHC             | ND     | 12      | 120      | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | delta-BHC             | ND     | 6.2     | 62       | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1400000 | 4200000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5600000 | 17000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 15000   | 25000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 6200    | 10000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 6200    | 10000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 15000   | 25000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 2500    | 4200     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 6200    | 10000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 25000   | 42000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1200    | 2100     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 3800    | 6300     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 7500    | 13000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 9400    | 16000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 38000   | 63000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 6200    | 10000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 19000   | 31000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 12000   | 21000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 3800    | 6300     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 25000   | 42000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1200    | 2100     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1900    | 3100     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1200    | 2100     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1200    | 2100     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 9400    | 16000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 25000   | 42000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 25000   | 42000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 37000   | 63000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 37000   | 63000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 94000   | 160000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 37000   | 63000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 75000   | 130000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 37000   | 63000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 7500    | 13000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 15000   | 25000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 15000   | 25000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 75000   | 130000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 25000   | 42000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 12000   | 21000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 380     | 630      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 250     | 420      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 380     | 630      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 3800    | 6300     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 500     | 830      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 1200    | 2100     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 12000   | 21000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 12000   | 21000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 6200    | 10000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 7500    | 13000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Dibenz(a,h)anthracene | ND     | 5000    | 8300     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenzofuran          | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Dibenzofuran          | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Dibenzofuran          | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Dibenzofuran          | ND     | 190     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Dibenzofuran          | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Dibenzofuran          | ND     | 3800    | 6700     | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|-------|--------|-------|------------|-------|
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Dibenzofuran         | ND     | 4800  | 8300   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Dibenzofuran         | ND     | 23000 | 40000  | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dibenzofuran         | ND     | 11000 | 20000  | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dibenzofuran         | ND     | 1900  | 3300   | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Dibenzofuran         | ND     | 4800  | 8300   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Dibenzofuran         | ND     | 19000 | 33000  | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Dibenzofuran         | ND     | 950   | 1700   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Dibenzofuran         | ND     | 23000 | 40000  | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dibenzofuran         | ND     | 2900  | 5000   | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Dibenzofuran         | ND     | 5700  | 10000  | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dibenzofuran         | ND     | 7100  | 12000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dibenzofuran         | ND     | 29000 | 50000  | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dibenzofuran         | ND     | 4800  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dibenzofuran         | ND     | 14000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 9500  | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 2800  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 1400  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dibenzofuran         | ND     | 950   | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 7100  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Dibenzofuran         | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dibenzofuran         | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dibenzofuran         | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dibenzofuran         | ND     | 71000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dibenzofuran         | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dibenzofuran         | ND     | 57000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dibenzofuran         | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dibenzofuran         | ND     | 5700  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dibenzofuran         | ND     | 11000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dibenzofuran         | ND     | 11000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dibenzofuran         | ND     | 57000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 19000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 9500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dibenzofuran         | ND     | 280   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dibenzofuran         | ND     | 190   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Dibenzofuran         | ND     | 280   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dibenzofuran         | ND     | 2800  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dibenzofuran         | ND     | 380   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Dibenzofuran         | ND     | 9500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Dibenzofuran         | ND     | 9500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Dibenzofuran         | ND     | 7600  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Dibenzofuran         | ND     | 4800  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Dibenzofuran         | ND     | 5700  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Dibenzofuran         | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 540   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 270   | 1000   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 27    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 34    | 120    | ug/kg |            |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 31    | 120    | ug/kg |            |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 33    | 120    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56  | 2.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 27    | 100    | ug/kg |            |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 85    | 320    | ug/kg |            |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 99    | 370    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 27    | 100    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 30    | 110    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 37    | 140    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 27    | 100    | ug/kg |            |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 0.79  | 2.8    | ug/kg |            |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 38    | 140    | ug/kg |            |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 88    | 330    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 2.8   | 10     | ug/kg | RL-2       |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 36    | 140    | ug/kg |            |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 32    | 120    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|------|------|-------|-------|-------|
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 43   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 540  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 31   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 41   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 2.8  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 0.71 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 33   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 0.49 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 270  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 140  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 24   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromochloromethane | ND     | 0.72 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 52   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 120  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 93   | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 93   | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 37   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 37   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromochloromethane | ND     | 40   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromochloromethane | ND     | 540  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromochloromethane | ND     | 540  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 54   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 680  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 300  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 5.6  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 800  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 270  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 0.68 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 110  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromochloromethane | ND     | 33   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 5.6  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromochloromethane | ND     | 2.8  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 270  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Dibromochloromethane | ND     | 1100 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromochloromethane | ND     | 5.6  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromochloromethane | ND     | 5.6  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 43   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 24   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|------|------|-------|-------|-------|
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.48 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 0.56 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 1.4  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 34   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromochloromethane | ND     | 35   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Dibromochloromethane | ND     | 5.6  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Dibromochloromethane | ND     | 27   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane       | ND     | 840  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane       | ND     | 420  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 52   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 49   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 51   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 130  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 150  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 47   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 57   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 0.87 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 59   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 140  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 3.1  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 57   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 49   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 66   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 840  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 48   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 63   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 3.1  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 0.79 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 51   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 0.54 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 420  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 210  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 37   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dibromomethane       | ND     | 0.80 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 80   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 180  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 140  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 58   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 58   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dibromomethane       | ND     | 63   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dibromomethane       | ND     | 840  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromomethane       | ND     | 840  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane       | ND     | 84   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane       | ND     | 1000 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane       | ND     | 470  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane       | ND     | 6.2  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane       | ND     | 42   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane       | ND     | 0.62 | 2.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|-------------------------|--------|------|------|-------|-------|-------|
| PNL-F04-16.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane          | ND     | 1200 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane          | ND     | 420  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane          | ND     | 0.75 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane          | ND     | 170  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dibromomethane          | ND     | 51   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 6.2  | 20   | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dibromomethane          | ND     | 3.1  | 10   | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 420  | 1000 | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | Dibromomethane          | ND     | 1700 | 4000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromomethane          | ND     | 6.2  | 20   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Dibromomethane          | ND     | 6.2  | 20   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 66   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 38   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.53 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 0.62 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 1.6  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 52   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Dibromomethane          | ND     | 55   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Dibromomethane          | ND     | 6.2  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Dibromomethane          | ND     | 42   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1200 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 610  | 2500 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 76   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 71   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 74   | 300  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 190  | 790  | ug/kg |       |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 220  | 920  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 69   | 280  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 83   | 340  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1.2  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 86   | 350  | ug/kg |       |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 200  | 820  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 4.1  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 82   | 340  | ug/kg |       |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 71   | 290  | ug/kg |       |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 96   | 390  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1200 | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250  | ug/kg |       |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 70   | 290  | ug/kg |       |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 92   | 380  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 4.1  | 25   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                 | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------------|--------|------|-------|-------|-------|-------|
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1.0  | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 74   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.71 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 610  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 300  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 54   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1.1  | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 120  | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 260  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 210  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 210  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 84   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 84   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 91   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 120  | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1500 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 680  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 8.2  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 1800 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 610  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.99 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       | L     |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 240  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 74   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 8.2  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 4.1  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 610  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 2400 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 8.2  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 8.2  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 96   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 55   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.70 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 61   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 0.82 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 2.0  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Dichlorodifluoromethane | ND     | 76   | 310   | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte                 | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-------------------------|--------|---------|----------|-------|------------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 79      | 330      | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 8.2     | 50       | ug/kg | RL-4       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B      | Dichlorodifluoromethane | ND     | 61      | 250      | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 230     | 2500     | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 690     | 7500     | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Dieldrin                | ND     | 12      | 40       | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 2.0     | 5.0      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Dieldrin                | ND     | 20      | 50       | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Dieldrin                | ND     | 3.1     | 10       | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Dieldrin                | ND     | 20      | 50       | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Dieldrin                | ND     | 12      | 40       | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Dieldrin                | ND     | 3.1     | 10       | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Dieldrin                | ND     | 25      | 62       | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Dieldrin                | ND     | 50      | 120      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 40      | 100      | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 20      | 50       | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Dieldrin                | ND     | 12      | 40       | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Dieldrin                | ND     | 120     | 400      | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Dieldrin                | ND     | 6.1     | 20       | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 120     | 1200     | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 9.2     | 100      | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 9.2     | 100      | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 23      | 250      | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 2.3     | 25       | ug/kg | RL-3       | M1    |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 4.6     | 50       | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 4.6     | 50       | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 58      | 620      | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Dieldrin                | ND     | 9.2     | 100      | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.69    | 7.5      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 9.2     | 100      | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 9.2     | 100      | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Dieldrin                | ND     | 15      | 62       | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Dieldrin                | ND     | 15      | 62       | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Dieldrin                | ND     | 9.0     | 160      | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 23      | 250      | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 1.2     | 12       | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.69    | 7.5      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.69    | 7.5      | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 1.2     | 12       | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 1.4     | 15       | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 14      | 150      | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 0.46    | 5.0      | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Dieldrin                | ND     | 1.4     | 15       | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Dieldrin                | ND     | 15      | 62       | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Dieldrin                | ND     | 7.5     | 31       | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Diethyl phthalate       | ND     | 900000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Diethyl phthalate       | ND     | 3600000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Diethyl phthalate       | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Diethyl phthalate       | ND     | 190     | 330      | ug/kg |            |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|------------|-------|
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Diethyl phthalate  | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Diethyl phthalate  | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Diethyl phthalate  | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Diethyl phthalate  | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Diethyl phthalate  | ND     | 1900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Diethyl phthalate  | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 950     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Diethyl phthalate  | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Diethyl phthalate  | ND     | 2900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Diethyl phthalate  | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Diethyl phthalate  | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Diethyl phthalate  | ND     | 29000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Diethyl phthalate  | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Diethyl phthalate  | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 2800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 1400    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 950     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Diethyl phthalate  | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Diethyl phthalate  | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Diethyl phthalate  | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Diethyl phthalate  | ND     | 71000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Diethyl phthalate  | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Diethyl phthalate  | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Diethyl phthalate  | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Diethyl phthalate  | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Diethyl phthalate  | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Diethyl phthalate  | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Diethyl phthalate  | ND     | 190     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Diethyl phthalate  | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Diethyl phthalate  | ND     | 2800    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Diethyl phthalate  | ND     | 380     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Diethyl phthalate  | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Diethyl phthalate  | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Diethyl phthalate  | ND     | 7600    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Diethyl phthalate  | ND     | 4800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Diethyl phthalate  | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Diethyl phthalate  | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate | ND     | 1200000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate | ND     | 4800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Dimethyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Dimethyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Dimethyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Dimethyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Dimethyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dimethyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Dimethyl phthalate | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dimethyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Dimethyl phthalate | ND     | 1900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Dimethyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Dimethyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Dimethyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Dimethyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Dimethyl phthalate | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Dimethyl phthalate | ND     | 950     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Dimethyl phthalate | ND     | 23000   | 40000    | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|---------|----------|-------|------------|-------|
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dimethyl phthalate   | ND     | 2900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Dimethyl phthalate   | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dimethyl phthalate   | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Dimethyl phthalate   | ND     | 29000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate   | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate   | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 2800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 1400    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 950     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Dimethyl phthalate   | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dimethyl phthalate   | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dimethyl phthalate   | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dimethyl phthalate   | ND     | 71000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Dimethyl phthalate   | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dimethyl phthalate   | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dimethyl phthalate   | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Dimethyl phthalate   | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Dimethyl phthalate   | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dimethyl phthalate   | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dimethyl phthalate   | ND     | 190     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Dimethyl phthalate   | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dimethyl phthalate   | ND     | 2800    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Dimethyl phthalate   | ND     | 380     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Dimethyl phthalate   | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Dimethyl phthalate   | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Dimethyl phthalate   | ND     | 7600    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Dimethyl phthalate   | ND     | 4800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Dimethyl phthalate   | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Dimethyl phthalate   | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 710000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 2800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 1900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 950     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 2900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 29000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 2800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 1400    | 2500     | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte              | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------|--------|---------|----------|-------|------------|-------|
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 950     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 7100    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 19000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 71000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 28000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 57000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 190     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 280     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 2800    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 380     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 950     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 9500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 9500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 7600    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 4800    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 5700    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Di-n-butyl phthalate | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 12000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 2000    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 20000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 24000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 3000    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 6000    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 4000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 30000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 5000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 15000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 3000    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1500    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 7500    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 20000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 200     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 30000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Di-n-octyl phthalate | ND     | 75000   | 120000   | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte              | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|----------------------|--------|-------|--------|-------|------------|-------|
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 30000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 60000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 30000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 6000  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 12000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 12000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 60000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 20000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 300   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 200   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 300   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 3000  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 400   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 10000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 8000  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 5000  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 6000  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Di-n-octyl phthalate | ND     | 4000  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 40000  | 900   | 2500   | mg/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 64000  | 900   | 2500   | mg/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 17000  | 360   | 1000   | mg/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 5.1    | 1.8   | 5.0    | mg/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 8100   | 180   | 500    | mg/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 11000  | 220   | 620    | mg/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 8200   | 180   | 500    | mg/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 5100   | 220   | 620    | mg/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 23000  | 360   | 1000   | mg/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 29000  | 900   | 2500   | mg/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 8700   | 90    | 250    | mg/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 640    | 36    | 100    | mg/kg |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 4700   | 90    | 250    | mg/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 3500   | 72    | 200    | mg/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 24000  | 360   | 1000   | mg/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 29000  | 450   | 1200   | mg/kg |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 1700   | 3.6   | 10     | mg/kg |            |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 20000  | 360   | 1000   | mg/kg |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 14000  | 360   | 1000   | mg/kg |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 7400   | 180   | 500    | mg/kg |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 15000  | 360   | 1000   | mg/kg |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 4900   | 180   | 500    | mg/kg |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 30000  | 540   | 1500   | mg/kg |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 6900   | 140   | 400    | mg/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 14000  | 180   | 500    | mg/kg |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 3900   | 90    | 250    | mg/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 4100   | 140   | 400    | mg/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 6600   | 360   | 1000   | mg/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 3600   | 90    | 250    | mg/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 350    | 14    | 40     | mg/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 370    | 18    | 50     | mg/kg |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 980    | 36    | 100    | mg/kg |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 2300   | 45    | 120    | mg/kg |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 2500   | 45    | 120    | mg/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | ND     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | ND     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 780    | 36    | 100    | mg/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 6000   | 72    | 200    | mg/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 69     | 5.4   | 15     | mg/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | ND     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 4100   | 140   | 400    | mg/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 23000  | 720   | 2000   | mg/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | ND     | 3.6   | 10     | mg/kg |            | RL-1  |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 42000  | 1800  | 5000   | mg/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 62000  | 1800  | 5000   | mg/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 53000  | 3600  | 10000  | mg/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 49000  | 1800  | 5000   | mg/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 78000  | 2700  | 7500   | mg/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 33000  | 900   | 2500   | mg/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 24000  | 900   | 2500   | mg/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 29000  | 900   | 2500   | mg/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 18000  | 900   | 2500   | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 38000  | 1800  | 5000   | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 9000   | 90    | 250    | mg/kg |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 16000  | 180   | 500    | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 11     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 1900   | 36    | 100    | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 16     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 71     | 1.8   | 5.0    | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40)  | 1100   | 90    | 250    | mg/kg |            |       |



**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte             | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|---------------------|--------|------|-------|-------|-------|-------|
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | ND     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 11000  | 110  | 300   | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 12000  | 110  | 300   | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 2400   | 54   | 150   | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 17000  | 220  | 600   | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 11000  | 180  | 500   | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 26000  | 1800 | 5000  | mg/kg | RL-4  |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 20000  | 450  | 1200  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 22000  | 3600 | 10000 | mg/kg | RL-4  |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 640    | 11   | 30    | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 19000  | 360  | 1000  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | DRO/ORO (C13 - C40) | 3000   | 72   | 200   | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 43000  | 900  | 2500  | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 69000  | 900  | 2500  | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 19000  | 360  | 1000  | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 5.3    | 1.8  | 5.0   | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 9300   | 180  | 500   | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 14000  | 220  | 620   | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 9300   | 180  | 500   | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 5600   | 220  | 620   | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 25000  | 360  | 1000  | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 33000  | 900  | 2500  | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 9500   | 90   | 250   | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 670    | 36   | 100   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 5400   | 90   | 250   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 3600   | 72   | 200   | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 27000  | 360  | 1000  | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 33000  | 450  | 1200  | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 170    | 3.6  | 10    | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 22000  | 360  | 1000  | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 15000  | 360  | 1000  | mg/kg |       | B-1   |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 8500   | 180  | 500   | mg/kg |       | B-1   |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 2900   | 360  | 1000  | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 5300   | 180  | 500   | mg/kg |       | B-1   |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 33000  | 540  | 1500  | mg/kg |       | B-1   |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 7900   | 140  | 400   | mg/kg |       | B-1   |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 16000  | 180  | 500   | mg/kg |       | B-1   |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 4300   | 90   | 250   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 4500   | 140  | 400   | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 7800   | 360  | 1000  | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 3600   | 90   | 250   | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 380    | 14   | 40    | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 400    | 18   | 50    | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 1100   | 36   | 100   | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 2400   | 45   | 120   | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 2700   | 45   | 120   | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | ND     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | ND     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 870    | 36   | 100   | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 6800   | 72   | 200   | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 76     | 5.4  | 15    | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | ND     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 4600   | 140  | 400   | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 27000  | 720  | 2000  | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | EFH (C6 - C40)      | ND     | 3.6  | 10    | mg/kg |       | RL-1  |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 45000  | 1800 | 5000  | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 64000  | 1800 | 5000  | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 57000  | 3600 | 10000 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 51000  | 1800 | 5000  | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 81000  | 2700 | 7500  | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 38000  | 900  | 2500  | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 26000  | 900  | 2500  | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 33000  | 900  | 2500  | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 20000  | 900  | 2500  | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 44000  | 1800 | 5000  | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 11000  | 90   | 250   | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 19000  | 180  | 500   | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 12     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 1900   | 36   | 100   | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 16     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 26     | 1.8  | 5.0   | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 1100   | 90   | 250   | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 6.7    | 1.8  | 5.0   | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 13000  | 110  | 300   | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 13000  | 110  | 300   | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 2600   | 54   | 150   | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 19000  | 220  | 600   | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 12000  | 180  | 500   | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 28000  | 1800 | 5000  | mg/kg | RL-4  |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 21000  | 450  | 1200  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 24000  | 3600 | 10000 | mg/kg | RL-4  |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 650    | 11   | 30    | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 20000  | 360  | 1000  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | EFH (C6 - C40)      | 3200   | 72   | 200   | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I        | ND     | 260  | 2500  | ug/kg | RL-1  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte       | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|---------------|--------|------|------|-------|------------|-------|
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I  | ND     | 780  | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan I  | ND     | 11   | 40   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 2.0  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan I  | ND     | 20   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan I  | ND     | 2.7  | 10   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan I  | ND     | 20   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan I  | ND     | 11   | 40   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan I  | ND     | 2.7  | 10   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan I  | ND     | 25   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan I  | ND     | 50   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 40   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 20   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan I  | ND     | 11   | 40   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan I  | ND     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan I  | ND     | 110  | 400  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan I  | 71     | 5.5  | 20   | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I  | ND     | 130  | 1200 | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I  | ND     | 10   | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 10   | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 26   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 2.6  | 25   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 5.2  | 50   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 5.2  | 50   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 65   | 620  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan I  | ND     | 10   | 100  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.78 | 7.5  | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 10   | 100  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 10   | 100  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan I  | ND     | 14   | 62   | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan I  | ND     | 14   | 62   | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan I  | ND     | 13   | 85   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 26   | 250  | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 1.3  | 12   | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.78 | 7.5  | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.78 | 7.5  | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 1.3  | 12   | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 1.6  | 15   | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 16   | 150  | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 0.52 | 5.0  | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan I  | ND     | 1.6  | 15   | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan I  | ND     | 14   | 62   | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan I  | ND     | 6.9  | 31   | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II | ND     | 1400 | 2500 | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II | ND     | 4400 | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan II | ND     | 15   | 40   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan II | ND     | 2.9  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan II | ND     | 29   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan II | ND     | 3.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan II | ND     | 29   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan II | ND     | 7.7  | 20   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan II | ND     | 15   | 40   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan II | ND     | 7.7  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan II | ND     | 7.7  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan II | ND     | 7.7  | 20   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan II | 54     | 3.8  | 10   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan II | ND     | 36   | 62   | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte            | Result | DL   | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------------|--------|------|-------|-------|------------|-------|
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan II      | ND     | 72   | 120   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-1       | C1    |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 29   | 50    | ug/kg | RL-1       | C1    |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan II      | ND     | 15   | 40    | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan II      | ND     | 150  | 400   | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan II      | ND     | 7.7  | 20    | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II      | ND     | 720  | 1200  | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 140  | 250   | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 14   | 25    | ug/kg | RL-3       | M2    |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 29   | 50    | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 29   | 50    | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 360  | 620   | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II      | ND     | 4.4  | 7.5   | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 58   | 100   | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan II      | ND     | 36   | 62    | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan II      | ND     | 36   | 62    | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan II      | ND     | 16   | 160   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 140  | 250   | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 7.2  | 12    | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 4.4  | 7.5   | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 4.4  | 7.5   | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 7.2  | 12    | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 8.7  | 15    | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 87   | 150   | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 2.9  | 5.0   | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan II      | ND     | 8.7  | 15    | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg | RL-1       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan II      | ND     | 36   | 62    | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan II      | ND     | 18   | 31    | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 420  | 5000  | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 1300 | 15000 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan sulfate | ND     | 47   | 120   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 2.3  | 10    | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 23   | 100   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan sulfate | ND     | 12   | 30    | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 23   | 100   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan sulfate | ND     | 47   | 120   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endosulfan sulfate | ND     | 12   | 30    | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 29   | 120   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 58   | 250   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 46   | 200   | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 23   | 100   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endosulfan sulfate | ND     | 47   | 120   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan sulfate | ND     | 470  | 1200  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endosulfan sulfate | ND     | 24   | 60    | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 210  | 2500  | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 17   | 200   | ug/kg | RL-1       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte            | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------------|--------|------|------|-------|------------|-------|
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 17   | 200  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 42   | 500  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 4.2  | 50   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 8.5  | 100  | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 8.5  | 100  | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 110  | 1200 | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 17   | 200  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 1.3  | 15   | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 17   | 200  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 17   | 200  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 14   | 120  | ug/kg | RL-1       | C-2d  |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 14   | 120  | ug/kg | RL-1       | C-2d  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endosulfan sulfate | ND     | 22   | 160  | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 42   | 500  | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 2.1  | 25   | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 1.3  | 15   | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 1.3  | 15   | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 2.1  | 25   | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 2.6  | 30   | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 26   | 300  | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 0.85 | 10   | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 2.6  | 30   | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg |            | C-2d  |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg | RL-1       | C-2d  |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg | RL-1       | C-2d  |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg | RL-1       | C-2d  |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg |            | C-2d  |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 14   | 120  | ug/kg | RL-1       | C-2d  |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endosulfan sulfate | ND     | 6.9  | 62   | ug/kg |            | C-2d  |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 280  | 2500 | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 840  | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin             | ND     | 13   | 40   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin             | ND     | 2.1  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin             | ND     | 21   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin             | ND     | 3.3  | 10   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin             | ND     | 21   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin             | ND     | 13   | 40   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin             | ND     | 3.3  | 10   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin             | ND     | 26   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin             | ND     | 52   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin             | ND     | 42   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin             | ND     | 21   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin             | ND     | 13   | 40   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin             | ND     | 130  | 400  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin             | ND     | 6.6  | 20   | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 140  | 1200 | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin             | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 28   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 2.8  | 25   | ug/kg | RL-3       | M1    |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 5.6  | 50   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 5.6  | 50   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 70   | 620  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin             | ND     | 11   | 100  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 0.84 | 7.5  | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin             | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin             | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin             | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin             | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin             | ND     | 0.56 | 5.0  | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte         | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------------|--------|------|------|-------|------------|-------|
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin          | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin          | ND     | 14   | 62   | ug/kg | RL-1       | C-2e  |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin          | ND     | 14   | 62   | ug/kg | RL-1       | C-2e  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin          | ND     | 9.0  | 85   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 28   | 250  | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 1.4  | 12   | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 0.84 | 7.5  | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 0.84 | 7.5  | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 1.4  | 12   | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 1.7  | 15   | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 17   | 150  | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 0.56 | 5.0  | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin          | ND     | 1.7  | 15   | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg |            | C-2e  |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg | RL-1       | C-2e  |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg | RL-1       | C-2e  |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg | RL-1       | C-2e  |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg |            | C-2e  |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin          | ND     | 14   | 62   | ug/kg | RL-1       | C-2e  |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin          | ND     | 6.9  | 31   | ug/kg |            | C-2e  |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 380  | 2500 | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1100 | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin aldehyde | ND     | 47   | 120  | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.7  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 17   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin aldehyde | ND     | 12   | 30   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 17   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin aldehyde | ND     | 47   | 120  | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin aldehyde | ND     | 12   | 30   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 21   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 42   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 34   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 17   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin aldehyde | ND     | 47   | 120  | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin aldehyde | ND     | 470  | 1200 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin aldehyde | ND     | 24   | 60   | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 190  | 1200 | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 15   | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 15   | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 38   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 3.8  | 25   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 7.6  | 50   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 7.6  | 50   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 95   | 620  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 15   | 100  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.1  | 7.5  | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 15   | 100  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 15   | 100  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 12   | 62   | ug/kg | RL-1       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 12   | 62   | ug/kg | RL-1       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Endrin aldehyde | ND     | 30   | 330  | ug/kg |            | R-01  |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte         | Result | DL   | RL   | Units | LNOTE      | ANOTE  |
|--------------------------|-----------|---------------|--------------|----------------|-----------------|--------|------|------|-------|------------|--------|
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 38   | 250  | ug/kg | C-7, RL-1  |        |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.9  | 12   | ug/kg | C-7        |        |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |        |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.1  | 7.5  | ug/kg | RL-1       |        |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |        |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.1  | 7.5  | ug/kg |            |        |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 1.9  | 12   | ug/kg |            |        |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg |            |        |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 2.3  | 15   | ug/kg | C-7        |        |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 23   | 150  | ug/kg | C-7, RL-1  |        |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 0.76 | 5.0  | ug/kg | C-7        |        |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 2.3  | 15   | ug/kg | C-7        |        |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg |            |        |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg | RL-1       |        |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg | RL-1       |        |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg | RL-1       |        |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg |            |        |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 12   | 62   | ug/kg | RL-1       |        |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin aldehyde | ND     | 6.2  | 31   | ug/kg |            |        |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 1000 | 2500 | ug/kg | RL-1       |        |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 3000 | 7500 | ug/kg | RL-1       |        |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin ketone   | ND     | 49   | 120  | ug/kg | R-05       |        |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.6  | 5.0  | ug/kg |            |        |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin ketone   | ND     | 26   | 50   | ug/kg |            |        |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin ketone   | ND     | 12   | 30   | ug/kg | C-06, R-05 |        |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin ketone   | ND     | 26   | 50   | ug/kg |            |        |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin ketone   | ND     | 49   | 120  | ug/kg | R-05       |        |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Endrin ketone   | 35     | 12   | 30   | ug/kg | C-06, R-05 |        |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin ketone   | ND     | 32   | 62   | ug/kg |            |        |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Endrin ketone   | ND     | 65   | 120  | ug/kg |            |        |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 52   | 100  | ug/kg | RL-1       | C-2a   |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 26   | 50   | ug/kg | RL-1       | C-2a   |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Endrin ketone   | ND     | 49   | 120  | ug/kg | R-05       |        |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin ketone   | ND     | 490  | 1200 | ug/kg | C-06, R-05 |        |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Endrin ketone   | ND     | 24   | 60   | ug/kg | C-06, R-05 |        |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 500  | 1200 | ug/kg | RL-1       |        |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 40   | 100  | ug/kg | RL-1       |        |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 40   | 100  | ug/kg | RL-1       |        |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 100  | 250  | ug/kg | RL-1       |        |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 10   | 25   | ug/kg | RL-3       | M1, M2 |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 20   | 50   | ug/kg | RL-1       |        |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 20   | 50   | ug/kg | RL-3       |        |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 250  | 620  | ug/kg | RL-3       |        |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Endrin ketone   | ND     | 40   | 100  | ug/kg | RL-3       |        |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 3.0  | 7.5  | ug/kg |            |        |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 40   | 100  | ug/kg | RL-1       |        |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 40   | 100  | ug/kg | RL-1       |        |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            |        |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin ketone   | ND     | 25   | 62   | ug/kg | RL-1       | C-2b   |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Endrin ketone   | ND     | 25   | 62   | ug/kg | RL-1       | C-2b   |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 100  | 250  | ug/kg | C-7, RL-1  |        |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 5.0  | 12   | ug/kg | C-7        |        |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            | C-2d   |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 3.0  | 7.5  | ug/kg | RL-1       | C-2d   |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            | C-2f   |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 3.0  | 7.5  | ug/kg |            | C-2d   |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 5.0  | 12   | ug/kg |            | C-2f   |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg |            | C-2f   |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 6.0  | 15   | ug/kg | C-7        |        |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 60   | 150  | ug/kg | C-7, RL-1  |        |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 2.0  | 5.0  | ug/kg | C-7        |        |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Endrin ketone   | ND     | 6.0  | 15   | ug/kg | C-7        |        |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg |            | C-2b   |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg | RL-1       | C-2b   |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg | RL-1       | C-2b   |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg | RL-1       | C-2b   |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg |            | C-2b   |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Endrin ketone   | ND     | 25   | 62   | ug/kg | RL-1       | C-2b   |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Endrin ketone   | ND     | 12   | 31   | ug/kg |            | C-2b   |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Ethylbenzene    | 2500   | 540  | 2000 | ug/kg |            |        |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Ethylbenzene    | 2500   | 270  | 1000 | ug/kg |            |        |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|------|-------|-------|-------|
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 3200   | 27   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 3600   | 34   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 4600   | 31   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 4600   | 33   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 3000   | 27   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 3700   | 85   | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 5400   | 99   | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Ethylbenzene | 3400   | 27   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | 620    | 30   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | 6300   | 37   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 860    | 27   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | ND     | 0.72 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 260    | 38   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 4000   | 88   | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 61     | 2.6  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 1200   | 36   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 1300   | 32   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 2400   | 27   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 6800   | 43   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 6400   | 540  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 3300   | 27   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 3100   | 31   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 2700   | 41   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 480    | 2.6  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | ND     | 0.65 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | 8900   | 33   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | 4.5    | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | ND     | 0.44 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Ethylbenzene | 79000  | 270  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | 5200   | 140  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | 290    | 24   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Ethylbenzene | ND     | 0.66 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 160    | 27   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 4700   | 52   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 6000   | 120  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Ethylbenzene | 1300   | 27   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | 3900   | 27   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | 6200   | 93   | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | 5700   | 93   | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | 3400   | 37   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 5900   | 27   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 2500   | 37   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Ethylbenzene | 2500   | 40   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Ethylbenzene | 2200   | 27   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Ethylbenzene | 3500   | 27   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Ethylbenzene | 1900   | 27   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Ethylbenzene | 710    | 27   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Ethylbenzene | 11000  | 540  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Ethylbenzene | 120000 | 540  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Ethylbenzene | 1600   | 27   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Ethylbenzene | 18000  | 54   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Ethylbenzene | 180000 | 680  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Ethylbenzene | 94000  | 300  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 3000   | 5.1  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 6400   | 27   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | 1600   | 27   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | 2.8    | 0.51 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | 160000 | 800  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | 48000  | 270  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | ND     | 27   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | ND     | 0.62 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | 38000  | 110  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | 27     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Ethylbenzene | 5900   | 33   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Ethylbenzene | 5700   | 27   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 1400   | 27   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 530    | 5.1  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Ethylbenzene | ND     | 2.6  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 3.1    | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | 39000  | 270  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Ethylbenzene | 550000 | 1100 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Ethylbenzene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Ethylbenzene | 3600   | 27   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Ethylbenzene | 880    | 27   | 100  | ug/kg |       |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|---------|----------|-------|-------|-------|
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Ethylbenzene | 3400   | 27      | 100      | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Ethylbenzene | 1200   | 27      | 100      | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Ethylbenzene | 750    | 27      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Ethylbenzene | 2200   | 27      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Ethylbenzene | 2000   | 27      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Ethylbenzene | 1200   | 5.1     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Ethylbenzene | 1600   | 5.1     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Ethylbenzene | 1600   | 27      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 220    | 27      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 1300   | 27      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 560    | 27      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | ND     | 43      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 4900   | 27      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 6400   | 24      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.43    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Ethylbenzene | ND     | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 750    | 27      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 7.3    | 0.51    | 2.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 110    | 1.3     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 1400   | 34      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | 640    | 27      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Ethylbenzene | ND     | 35      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Ethylbenzene | 140    | 27      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Ethylbenzene | 1200   | 27      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Ethylbenzene | 2900   | 27      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Ethylbenzene | 1100   | 27      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Ethylbenzene | ND     | 5.1     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Ethylbenzene | 320    | 27      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Ethylbenzene | 380    | 27      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 1000000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 4000000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluoranthene | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluoranthene | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluoranthene | ND     | 1800    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluoranthene | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Fluoranthene | ND     | 18000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Fluoranthene | ND     | 900     | 1700     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluoranthene | ND     | 22000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluoranthene | ND     | 2700    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluoranthene | ND     | 6800    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 4500    | 8300     | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 14000   | 25000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 9000    | 17000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | ND     | 2700    | 5000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | ND     | 18000   | 33000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | ND     | 1400    | 2500     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | 2400   | 900     | 1700     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluoranthene | 1900   | 900     | 1700     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 6800    | 12000    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 18000   | 33000    | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Fluoranthene | ND     | 18000   | 33000    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluoranthene | ND     | 68000   | 120000   | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluoranthene | ND     | 54000   | 100000   | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluoranthene | ND     | 27000   | 50000    | ug/kg | RL-2  |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|---------|----------|-------|------------|-------|
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluoranthene | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluoranthene | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluoranthene | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluoranthene | ND     | 180     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Fluoranthene | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluoranthene | ND     | 2700    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluoranthene | ND     | 360     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Fluoranthene | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Fluoranthene | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Fluoranthene | ND     | 7200    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Fluoranthene | ND     | 4500    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Fluoranthene | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Fluoranthene | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluorene     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluorene     | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluorene     | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluorene     | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluorene     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Fluorene     | ND     | 1800    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Fluorene     | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Fluorene     | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Fluorene     | ND     | 900     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Fluorene     | ND     | 22000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluorene     | ND     | 2700    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Fluorene     | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluorene     | ND     | 6800    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Fluorene     | ND     | 27000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 4500    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 14000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 9000    | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 2700    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 1400    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 900     | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Fluorene     | ND     | 900     | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 6800    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Fluorene     | ND     | 18000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluorene     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluorene     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluorene     | ND     | 68000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Fluorene     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluorene     | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluorene     | ND     | 27000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluorene     | ND     | 5400    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluorene     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Fluorene     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Fluorene     | ND     | 54000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Fluorene     | ND     | 18000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Fluorene     | ND     | 9000    | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluorene     | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluorene     | ND     | 180     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Fluorene     | ND     | 270     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluorene     | ND     | 2700    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Fluorene     | ND     | 360     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Fluorene     | ND     | 3600    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Fluorene     | ND     | 900     | 1700     | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte             | Result | DL   | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|---------------------|--------|------|-------|-------|------------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C      | Fluorene            | ND     | 9000 | 17000 | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C      | Fluorene            | 26000  | 9000 | 17000 | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Fluorene            | ND     | 3600 | 6700  | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Fluorene            | ND     | 7200 | 13000 | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C      | Fluorene            | ND     | 3600 | 6700  | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Fluorene            | ND     | 4500 | 8300  | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C      | Fluorene            | ND     | 5400 | 10000 | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C      | Fluorene            | ND     | 3600 | 6700  | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 200  | 2500  | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 620  | 7500  | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 3.9  | 20    | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 1.8  | 5.0   | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 18   | 50    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 0.98 | 5.0   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 18   | 50    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 3.9  | 20    | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 0.98 | 5.0   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 22   | 62    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 45   | 120   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 36   | 100   | ug/kg | RL-1       | C-2f  |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 18   | 50    | ug/kg | RL-1       | C-2f  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 3.9  | 20    | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2    | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2    | 10    | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | gamma-BHC (Lindane) | 16     | 2    | 10    | ug/kg | C-06, R-05 | CF1   |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | gamma-BHC (Lindane) | 19     | 2    | 10    | ug/kg | C-06, R-05 | CF1   |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 39   | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 2.0  | 10    | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 100  | 1200  | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 8.2  | 100   | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 8.2  | 100   | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 20   | 250   | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 2.0  | 25    | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 4.1  | 50    | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 4.1  | 50    | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 51   | 620   | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 8.2  | 100   | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.62 | 7.5   | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 8.2  | 100   | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 8.2  | 100   | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 14   | 62    | ug/kg | RL-1       | L2    |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 14   | 62    | ug/kg | RL-1       | L2    |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | gamma-BHC (Lindane) | ND     | 7.0  | 85    | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 20   | 250   | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 1.0  | 12    | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.62 | 7.5   | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.62 | 7.5   | ug/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 1.0  | 12    | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 1.2  | 15    | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 12   | 150   | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 0.41 | 5.0   | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 1.2  | 15    | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg | RL-1       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg | RL-1       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg | RL-1       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 14   | 62    | ug/kg | RL-1       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | gamma-BHC (Lindane) | ND     | 6.9  | 31    | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12)      | 2900   | 900  | 2500  | mg/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12)      | 4500   | 900  | 2500  | mg/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | GRO (C6 - C12)      | 2200   | 360  | 1000  | mg/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | GRO (C6 - C12)      | ND     | 1.8  | 5.0   | mg/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | GRO (C6 - C12)      | 1200   | 180  | 500   | mg/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte        | Result | DL   | RL    | Units | LNOTE | ANOTE      |
|--------------------------|-----------|---------------|--------------|----------------|----------------|--------|------|-------|-------|-------|------------|
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | GRO (C6 - C12) | 2500   | 220  | 620   | mg/kg |       |            |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1100   | 180  | 500   | mg/kg |       |            |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 220  | 620   | mg/kg |       |            |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1600   | 360  | 1000  | mg/kg |       |            |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | GRO (C6 - C12) | 4100   | 900  | 2500  | mg/kg |       |            |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | GRO (C6 - C12) | 780    | 90   | 250   | mg/kg |       |            |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 36   | 100   | mg/kg |       |            |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8015B MOD. | GRO (C6 - C12) | 700    | 90   | 250   | mg/kg |       |            |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 72   | 200   | mg/kg |       |            |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8015B MOD. | GRO (C6 - C12) | 2200   | 360  | 1000  | mg/kg |       |            |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 4400   | 450  | 1200  | mg/kg |       |            |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 3.6  | 10    | mg/kg |       |            |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8015B MOD. | GRO (C6 - C12) | 2200   | 360  | 1000  | mg/kg |       |            |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1400   | 360  | 1000  | mg/kg |       |            |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1100   | 180  | 500   | mg/kg |       |            |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1600   | 360  | 1000  | mg/kg |       |            |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 180  | 500   | mg/kg |       |            |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8015B MOD. | GRO (C6 - C12) | 3400   | 540  | 1500  | mg/kg |       |            |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | GRO (C6 - C12) | 940    | 140  | 400   | mg/kg |       |            |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1800   | 180  | 500   | mg/kg |       |            |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12) | 400    | 90   | 250   | mg/kg |       |            |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12) | 410    | 140  | 400   | mg/kg |       |            |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1100   | 360  | 1000  | mg/kg |       |            |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 90   | 250   | mg/kg |       |            |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 14   | 40    | mg/kg |       |            |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 18   | 50    | mg/kg |       |            |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 36   | 100   | mg/kg |       |            |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 45   | 120   | mg/kg |       |            |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | 180    | 45   | 120   | mg/kg |       |            |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 36   | 100   | mg/kg |       |            |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | 820    | 72   | 200   | mg/kg |       |            |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 5.4  | 15    | mg/kg |       |            |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | 520    | 140  | 400   | mg/kg |       |            |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8015B MOD. | GRO (C6 - C12) | 3500   | 720  | 2000  | mg/kg |       |            |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 3.6  | 10    | mg/kg |       | RL-1       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1800 | 5000  | mg/kg |       |            |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1800 | 5000  | mg/kg |       |            |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 3600 | 10000 | mg/kg |       |            |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1800 | 5000  | mg/kg |       |            |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 2700 | 7500  | mg/kg |       |            |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | 4600   | 900  | 2500  | mg/kg |       |            |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 900  | 2500  | mg/kg |       |            |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | GRO (C6 - C12) | 3600   | 900  | 2500  | mg/kg |       |            |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 900  | 2500  | mg/kg |       |            |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8015B MOD. | GRO (C6 - C12) | 5200   | 1800 | 5000  | mg/kg |       |            |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1800   | 90   | 250   | mg/kg |       |            |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 2700   | 180  | 500   | mg/kg |       |            |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 36   | 100   | mg/kg |       |            |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 90   | 250   | mg/kg |       |            |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1.8  | 5.0   | mg/kg |       |            |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1800   | 110  | 300   | mg/kg |       |            |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 1000   | 110  | 300   | mg/kg |       |            |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 230    | 54   | 150   | mg/kg |       |            |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8015B MOD. | GRO (C6 - C12) | 2200   | 220  | 600   | mg/kg |       |            |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8015B MOD. | GRO (C6 - C12) | 830    | 180  | 500   | mg/kg |       |            |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 1800 | 5000  | mg/kg |       | RL-4       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 450  | 1200  | mg/kg |       |            |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 3600 | 10000 | mg/kg |       | RL-4       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 11   | 30    | mg/kg |       |            |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8015B MOD. | GRO (C6 - C12) | ND     | 360  | 1000  | mg/kg |       |            |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8015B MOD. | GRO (C6 - C12) | 280    | 72   | 200   | mg/kg |       |            |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor     | ND     | 260  | 2500  | ug/kg |       | RL-1       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor     | ND     | 790  | 7500  | ug/kg |       | RL-1       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor     | ND     | 6.9  | 20    | ug/kg |       | R-05       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor     | ND     | 2.0  | 5.0   | ug/kg |       |            |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor     | ND     | 20   | 50    | ug/kg |       |            |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Heptachlor     | ND     | 1.7  | 5.0   | ug/kg |       | C-06, R-05 |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor     | ND     | 20   | 50    | ug/kg |       |            |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor     | ND     | 3.5  | 10    | ug/kg |       | C-06, R-05 |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor     | ND     | 6.9  | 20    | ug/kg |       | R-05       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor     | ND     | 3.5  | 10    | ug/kg |       | C-06, R-05 |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor     | ND     | 3.5  | 10    | ug/kg |       | C-06, R-05 |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor     | ND     | 3.5  | 10    | ug/kg |       | C-06, R-05 |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Heptachlor     | ND     | 1.7  | 5.0   | ug/kg |       | C-06, R-05 |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor     | ND     | 25   | 62    | ug/kg |       |            |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor     | ND     | 50   | 120   | ug/kg |       |            |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor     | ND     | 40   | 100   | ug/kg |       | RL-1       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor     | ND     | 20   | 50    | ug/kg |       | RL-1       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor     | ND     | 6.9  | 20    | ug/kg |       | R-05       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte            | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------------|--------|------|------|-------|------------|-------|
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor         | ND     | 69   | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor         | ND     | 3.5  | 10   | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor         | ND     | 130  | 1200 | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor         | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 26   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 2.6  | 25   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 5.3  | 50   | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 5.3  | 50   | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 66   | 620  | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor         | ND     | 11   | 100  | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.79 | 7.5  | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 11   | 100  | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Heptachlor         | ND     | 18   | 62   | ug/kg | RL-1       | C-2c  |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Heptachlor         | ND     | 18   | 62   | ug/kg | RL-1       | C-2c  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor         | ND     | 14   | 85   | ug/kg |            | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 26   | 250  | ug/kg | C-7, RL-1  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 1.3  | 12   | ug/kg | C-7        |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            | C-2e  |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.79 | 7.5  | ug/kg | RL-1       | C-2e  |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            | C-2g  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.79 | 7.5  | ug/kg |            | C-2e  |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 1.3  | 12   | ug/kg |            | C-2g  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg |            | C-2g  |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 1.6  | 15   | ug/kg | C-7        |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 16   | 150  | ug/kg | C-7, RL-1  |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 0.53 | 5.0  | ug/kg | C-7        |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor         | ND     | 1.6  | 15   | ug/kg | C-7        |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg |            | C-2c  |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg | RL-1       | C-2c  |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg | RL-1       | C-2c  |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg | RL-1       | C-2c  |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg |            | C-2c  |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Heptachlor         | ND     | 18   | 62   | ug/kg | RL-1       | C-2c  |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Heptachlor         | ND     | 8.8  | 31   | ug/kg |            | C-2c  |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 500  | 2500 | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1500 | 7500 | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.2  | 20   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 2.0  | 5.0  | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20   | 50   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Heptachlor epoxide | ND     | 1.3  | 5.0  | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20   | 50   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.2  | 20   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Heptachlor epoxide | ND     | 1.3  | 5.0  | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 25   | 62   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 50   | 120  | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 40   | 100  | ug/kg | RL-1       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20   | 50   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.2  | 20   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Heptachlor epoxide | ND     | 2.6  | 10   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor epoxide | 670    | 52   | 200  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Heptachlor epoxide | 30     | 2.6  | 10   | ug/kg | C-06, R-05 | CF1   |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 250  | 1200 | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20   | 100  | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20   | 100  | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 50   | 250  | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 5.0  | 25   | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 10   | 50   | ug/kg | RL-1       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte            | Result | DL      | RL       | Units | LNOTE     | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------------|--------|---------|----------|-------|-----------|-------|
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 10      | 50       | ug/kg | RL-3      |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 120     | 620      | ug/kg | RL-3      |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20      | 100      | ug/kg | RL-3      |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.5     | 7.5      | ug/kg |           |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20      | 100      | ug/kg | RL-1      |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 20      | 100      | ug/kg | RL-1      |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Heptachlor epoxide | ND     | 15      | 62       | ug/kg | RL-1      |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 15      | 62       | ug/kg | RL-1      |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Heptachlor epoxide | ND     | 5.0     | 85       | ug/kg |           | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 50      | 250      | ug/kg | C-7, RL-1 |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 2.5     | 12       | ug/kg | C-7       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.5     | 7.5      | ug/kg | RL-1      |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.5     | 7.5      | ug/kg |           |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 2.5     | 12       | ug/kg |           |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg |           |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 3.0     | 15       | ug/kg | C-7       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 30      | 150      | ug/kg | C-7, RL-1 |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 1.0     | 5.0      | ug/kg | C-7       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 3.0     | 15       | ug/kg | C-7       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg |           |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg | RL-1      |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg | RL-1      |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg | RL-1      |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg |           |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 15      | 62       | ug/kg | RL-1      |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Heptachlor epoxide | ND     | 7.5     | 31       | ug/kg |           |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 690000  | 3300000  | ug/kg |           |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 2800000 | 13000000 | ug/kg |           |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 13000   | 20000    | ug/kg | RL-2      |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 5200    | 8300     | ug/kg |           |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-2      |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 5200    | 8300     | ug/kg |           |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-1      |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 25000   | 40000    | ug/kg | RL-2      |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 13000   | 20000    | ug/kg | RL-2      |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 2100    | 3300     | ug/kg | RL-1      |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-1      |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 5200    | 8300     | ug/kg |           |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 21000   | 33000    | ug/kg | RL-2      |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 1000    | 1700     | ug/kg | RL-1      |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 25000   | 40000    | ug/kg | RL-2      |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-2      |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 3200    | 5000     | ug/kg | RL-2      |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 6300    | 10000    | ug/kg | RL-2      |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-2      |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 4200    | 6700     | ug/kg | RL-2      |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 7900    | 12000    | ug/kg |           |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 32000   | 50000    | ug/kg | RL-1      |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 5200    | 8300     | ug/kg |           |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 16000   | 25000    | ug/kg |           |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 10000   | 17000    | ug/kg |           |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 3200    | 5000     | ug/kg |           |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 21000   | 33000    | ug/kg |           |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 1000    | 1700     | ug/kg | RL-2      |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 1600    | 2500     | ug/kg | RL-2      |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 1000    | 1700     | ug/kg | RL-2      |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 1000    | 1700     | ug/kg |           |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 7900    | 12000    | ug/kg |           |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 21000   | 33000    | ug/kg |           |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 21000   | 33000    | ug/kg |           |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 210     | 330      | ug/kg |           |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C      | Hexachlorobenzene  | ND     | 31000   | 50000    | ug/kg | RL-2      |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------|--------|---------|----------|-------|------------|-------|
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobenzene   | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobenzene   | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobenzene   | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobenzene   | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobenzene   | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobenzene   | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobenzene   | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobenzene   | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobenzene   | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobenzene   | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobenzene   | ND     | 210     | 330      | ug/kg | RL-1       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobenzene   | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobenzene   | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobenzene   | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobenzene   | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | Hexachlorobenzene   | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorobenzene   | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorobenzene   | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorobenzene   | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorobenzene   | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorobenzene   | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorobenzene   | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 780     | 5000     | ug/kg |            |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1000000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 390     | 2500     | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 4000000 | 13000000 | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            | M2    |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorobutadiene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 49      | 310      | ug/kg |            |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 45      | 290      | ug/kg |            |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 47      | 300      | ug/kg |            |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg | A-01a      |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorobutadiene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 120     | 790      | ug/kg |            |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 140     | 920      | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 44      | 280      | ug/kg |            |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 53      | 340      | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorobutadiene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 1.0     | 7.0      | ug/kg |            |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 55      | 350      | ug/kg |            |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 130     | 820      | ug/kg |            |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 3.6     | 25       | ug/kg | RL-2       | M2    |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 53      | 340      | ug/kg |            |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 46      | 290      | ug/kg |            |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorobutadiene | ND     | 30000   | 40000    | ug/kg | RL-2       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 62      | 390      | ug/kg |            |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 780     | 5000     | ug/kg |            |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorobutadiene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 45      | 290      | ug/kg |            |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 59      | 380      | ug/kg |            |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 3.6     | 25       | ug/kg |            |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorobutadiene | ND     | 2500    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-09-10-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.93    | 6.3      | ug/kg |            |       |
| PNL-09-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 47      | 300      | ug/kg |            |       |
| PNL-09-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            | I     |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.63    | 4.3      | ug/kg |            |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 390     | 2500     | ug/kg |            |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 200     | 1200     | ug/kg |            |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 35      | 220      | ug/kg |            |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.94    | 6.4      | ug/kg |            |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorobutadiene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-12-16-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 75      | 480      | ug/kg |            |       |
| PNL-12-18-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 170     | 1100     | ug/kg |            |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39      | 250      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte             | Result | DL    | RL     | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------|--------|-------|--------|-------|-------|-------|
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg | A-01a |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorobutadiene | ND     | 25000 | 33000  | ug/kg | RL-2  |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 130   | 860    | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 130   | 860    | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 53    | 340    | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg | A-01a |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1200  | 1700   | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorobutadiene | ND     | 30000 | 40000  | ug/kg | RL-2  |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 54    | 340    | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Hexachlorobutadiene | ND     | 58    | 370    | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorobutadiene | ND     | 3800  | 5000   | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Hexachlorobutadiene | ND     | 7500  | 10000  | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Hexachlorobutadiene | ND     | 780   | 5000   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorobutadiene | ND     | 5000  | 6700   | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Hexachlorobutadiene | ND     | 780   | 5000   | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorobutadiene | ND     | 9400  | 12000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       | M2    |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorobutadiene | ND     | 38000 | 50000  | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 78    | 500    | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 6200  | 8300   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 980   | 6200   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 19000 | 25000  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 430   | 2800   | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 7.3   | 50     | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 12000 | 17000  | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 3800  | 5000   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 1200  | 7400   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 390   | 2500   | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 25000 | 33000  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.88  | 6.0    | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 160   | 1000   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1900  | 2500   | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1200  | 1700   | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Hexachlorobutadiene | ND     | 47    | 300    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 1200  | 1700   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 7.3   | 50     | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 9400  | 12000  | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Hexachlorobutadiene | ND     | 3.6   | 25     | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 390   | 2500   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 25000 | 33000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Hexachlorobutadiene | ND     | 1600  | 10000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Hexachlorobutadiene | ND     | 25000 | 33000  | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Hexachlorobutadiene | ND     | 0.73  | 5.0    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorobutadiene | ND     | 250   | 330    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobutadiene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobutadiene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobutadiene | ND     | 94000 | 120000 | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorobutadiene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 75000 | 100000 | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobutadiene | ND     | 37000 | 50000  | ug/kg | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Hexachlorobutadiene | ND     | 39    | 250    | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobutadiene | ND     | 7500  | 10000  | ug/kg | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Hexachlorobutadiene | ND     | 7.3   | 50     | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|---------|----------|-------|------------|-------|
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 7.3     | 50       | ug/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            | M2    |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 75000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 25000   | 33000    | ug/kg | RL-2       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 62      | 390      | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 35      | 230      | ug/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 380     | 500      | ug/kg | RL-1       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            | M2    |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 250     | 330      | ug/kg |            |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 380     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            | M2    |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 3800    | 5000     | ug/kg | RL-1       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.62    | 4.3      | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 500     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 0.73    | 5.0      | ug/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 1.8     | 12       | ug/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 49      | 310      | ug/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 51      | 330      | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            | M2    |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 10000   | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 7.3     | 50       | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 6200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Hexachlorobutadiene       | ND     | 39      | 250      | ug/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorobutadiene       | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1700000 | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6800000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 7800    | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 7800    | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 37000   | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 3100    | 8300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 7800    | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 31000   | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1600    | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 37000   | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 4700    | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 9300    | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 12000   | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 47000   | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 7800    | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 23000   | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 16000   | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 4600    | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 31000   | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1600    | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 2300    | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1600    | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1600    | 4200     | ug/kg |            |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|---------|----------|-------|------------|-------|
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 12000   | 31000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 31000   | 83000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 31000   | 83000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 46000   | 120000   | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 46000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 120000  | 310000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 46000   | 120000   | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 93000   | 250000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 46000   | 120000   | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 9300    | 25000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 19000   | 50000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 93000   | 250000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 31000   | 83000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 16000   | 42000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 460     | 1200     | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 310     | 830      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 460     | 1200     | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 4600    | 12000    | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 620     | 1700     | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 1600    | 4200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 16000   | 42000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 16000   | 42000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 12000   | 33000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 7800    | 21000    | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 9300    | 25000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Hexachlorocyclopentadiene | ND     | 6200    | 17000    | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 1700000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 6800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachloroethane          | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachloroethane          | ND     | 7000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachloroethane          | ND     | 7000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachloroethane          | ND     | 34000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachloroethane          | ND     | 17000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachloroethane          | ND     | 2800    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachloroethane          | ND     | 7000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachloroethane          | ND     | 28000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Hexachloroethane          | ND     | 1400    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Hexachloroethane          | ND     | 34000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachloroethane          | ND     | 4200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Hexachloroethane          | ND     | 8400    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Hexachloroethane          | ND     | 5600    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachloroethane          | ND     | 10000   | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Hexachloroethane          | ND     | 42000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 7000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 21000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 14000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 4200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 28000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 2100    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 1400    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Hexachloroethane          | ND     | 1400    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 10000   | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 28000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Hexachloroethane          | ND     | 28000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Hexachloroethane          | ND     | 280     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachloroethane          | ND     | 42000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachloroethane          | ND     | 42000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachloroethane          | ND     | 100000  | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Hexachloroethane          | ND     | 42000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Hexachloroethane          | ND     | 84000   | 100000   | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method      | Analyte          | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-------------|------------------|--------|-------|--------|-------|------------|-------|
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C   | Hexachloroethane | ND     | 42000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Hexachloroethane | ND     | 8400  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Hexachloroethane | ND     | 17000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Hexachloroethane | ND     | 17000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C   | Hexachloroethane | ND     | 84000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 28000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 14000 | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Hexachloroethane | ND     | 420   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Hexachloroethane | ND     | 280   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C   | Hexachloroethane | ND     | 420   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Hexachloroethane | ND     | 4200  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Hexachloroethane | ND     | 560   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 5600  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 5600  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 1400  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C   | Hexachloroethane | ND     | 14000 | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C   | Hexachloroethane | ND     | 14000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C   | Hexachloroethane | ND     | 5600  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C   | Hexachloroethane | ND     | 11000 | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C   | Hexachloroethane | ND     | 5600  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C   | Hexachloroethane | ND     | 7000  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C   | Hexachloroethane | ND     | 8400  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C   | Hexachloroethane | ND     | 5600  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | DET    |       | 1.0    | N/A   | SB         |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | DET    |       | 1.0    | N/A   | SB         |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            | A-01a |
| PNL-03                   | I         | INC1049       | 03/16/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            | A-01a |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            | A-01a |
| PNL-14                   | I         | INE0031       | 05/03/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability     | ND     |       | 1.0    | N/A   |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method      | Analyte                | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-------------|------------------------|--------|---------|----------|-------|------------|-------|
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | SW846 7.1.2 | Ignitability           | ND     |         | 1.0      | N/A   |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 4800000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 30000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 2500    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 25000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 30000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 3800    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 9400    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 38000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 6200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 19000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 3800    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1900    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 9400    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 25000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 94000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 75000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 37000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 15000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 75000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 25000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 380     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 250     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 380     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 3800    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 500     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | 23000  | 12000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 10000   | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 6200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 7500    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C   | Indeno(1,2,3-cd)pyrene | ND     | 5000    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Isophorone             | ND     | 870000  | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C   | Isophorone             | ND     | 3500000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C   | Isophorone             | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C   | Isophorone             | ND     | 210     | 330      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte          | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------|--------|-------|--------|-------|------------|-------|
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Isophorone       | ND     | 5200  | 8300   | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Isophorone       | ND     | 5200  | 8300   | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Isophorone       | ND     | 25000 | 40000  | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Isophorone       | ND     | 13000 | 20000  | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Isophorone       | ND     | 2100  | 3300   | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Isophorone       | ND     | 5200  | 8300   | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Isophorone       | ND     | 21000 | 33000  | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Isophorone       | ND     | 1000  | 1700   | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Isophorone       | ND     | 25000 | 40000  | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Isophorone       | ND     | 3200  | 5000   | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Isophorone       | ND     | 6300  | 10000  | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Isophorone       | ND     | 7900  | 12000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Isophorone       | ND     | 32000 | 50000  | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Isophorone       | ND     | 5200  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Isophorone       | ND     | 16000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 10000 | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 3200  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 21000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 1600  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Isophorone       | ND     | 1000  | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 7900  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 21000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Isophorone       | ND     | 21000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Isophorone       | ND     | 31000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Isophorone       | ND     | 31000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Isophorone       | ND     | 79000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Isophorone       | ND     | 31000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Isophorone       | ND     | 63000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Isophorone       | ND     | 31000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Isophorone       | ND     | 6300  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Isophorone       | ND     | 13000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Isophorone       | ND     | 13000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Isophorone       | ND     | 63000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 21000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Isophorone       | ND     | 320   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Isophorone       | ND     | 210   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Isophorone       | ND     | 320   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Isophorone       | ND     | 3200  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Isophorone       | ND     | 420   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 1000  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Isophorone       | ND     | 10000 | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Isophorone       | ND     | 10000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Isophorone       | ND     | 8400  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Isophorone       | ND     | 5200  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Isophorone       | ND     | 6300  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Isophorone       | ND     | 4200  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | ND     | 700   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | ND     | 350   | 1000   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 1600   | 35    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 1700   | 44    | 120    | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 2100   | 41    | 120    | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 2400   | 43    | 120    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54  | 2.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 1400   | 35    | 100    | ug/kg |            |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 1700   | 110   | 320    | ug/kg |            |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 2700   | 130   | 370    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Isopropylbenzene | 2000   | 35    | 100    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | 580    | 39    | 110    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | 3000   | 48    | 140    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 500    | 35    | 100    | ug/kg |            |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | ND     | 0.76  | 2.8    | ug/kg |            |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 180    | 49    | 140    | ug/kg |            |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 2100   | 110   | 330    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 41     | 2.7   | 10     | ug/kg | RL-2       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte          | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------|--------|------|------|-------|-------|-------|
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 900    | 47   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 720    | 41   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 1400   | 35   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 3600   | 55   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 1700   | 35   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 1300   | 40   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 1300   | 53   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 730    | 2.7  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | ND     | 0.69 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | 5900   | 42   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | 4.5    | 0.54 | 2.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | ND     | 0.47 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-10-9.5'-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Isopropylbenzene | 24000  | 350  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | 690    | 180  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | 1500   | 31   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Isopropylbenzene | ND     | 0.70 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 2900   | 67   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 3600   | 150  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Isopropylbenzene | 1000   | 35   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | 2000   | 35   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | 4600   | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | 3300   | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | 2400   | 48   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 2400   | 35   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 1200   | 48   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Isopropylbenzene | 1100   | 52   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Isopropylbenzene | 1100   | 35   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Isopropylbenzene | 1800   | 35   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Isopropylbenzene | 980    | 35   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Isopropylbenzene | 760    | 35   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Isopropylbenzene | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Isopropylbenzene | 110000 | 700  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Isopropylbenzene | 1700   | 35   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | 900    | 70   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | 88000  | 880  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | 34000  | 390  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 120    | 5.4  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 390    | 35   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 5700   | 35   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | 190    | 0.54 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | 210000 | 1000 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 62000  | 350  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 130    | 35   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | 300    | 0.65 | 2.4  | ug/kg |       | E, I  |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | 2900   | 35   | 100  | ug/kg | H2    |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 16000  | 140  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 69     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Isopropylbenzene | 3000   | 43   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Isopropylbenzene | 7900   | 35   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | 8.4    | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 3400   | 35   | 100  | ug/kg |       | M2    |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 2800   | 5.4  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Isopropylbenzene | 420    | 2.7  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 11     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | 160000 | 350  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Isopropylbenzene | 94000  | 1400 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Isopropylbenzene | 1500   | 35   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Isopropylbenzene | 360    | 35   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Isopropylbenzene | 1200   | 35   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Isopropylbenzene | 540    | 35   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Isopropylbenzene | 340    | 35   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Isopropylbenzene | 980    | 35   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Isopropylbenzene | 1300   | 35   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Isopropylbenzene | 570    | 5.4  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Isopropylbenzene | 1200   | 5.4  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Isopropylbenzene | 3400   | 35   | 100  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 410    | 35   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 1200   | 35   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 620    | 35   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 530    | 55   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 2700   | 35   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 3800   | 32   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte          | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------|--------|------|-----|-------|-------|-------|
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.46 | 1.7 | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Isopropylbenzene | ND     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 1300   | 35   | 100 | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 67     | 0.54 | 2.0 | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 180    | 1.4  | 5.0 | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 1400   | 44   | 120 | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 1700   | 35   | 100 | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Isopropylbenzene | 370    | 46   | 130 | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Isopropylbenzene | 820    | 35   | 100 | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Isopropylbenzene | 650    | 35   | 100 | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Isopropylbenzene | 1700   | 35   | 100 | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Isopropylbenzene | 750    | 35   | 100 | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Isopropylbenzene | ND     | 5.4  | 20  | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Isopropylbenzene | 520    | 35   | 100 | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Isopropylbenzene | 260    | 35   | 100 | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | 7.0    | 0.54 | 4.0 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Lead             | 83     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Lead             | 13     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Lead             | 40     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Lead             | 17     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Lead             | 45     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Lead             | 38     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Lead             | 140    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Lead             | 110    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Lead             | 6.9    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Lead             | 47     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Lead             | 94     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Lead             | 24     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Lead             | 80     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Lead             | 14     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Lead             | 96     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Lead             | 440    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Lead             | 50     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Lead             | 65     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Lead             | 54     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Lead             | 780    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Lead             | 4.0    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Lead             | 53     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | 8.5    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | 7.6    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 14     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 2.4    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 13     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 3.7    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 21     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Lead             | 9.9    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | ND     | 0.81 | 6.0 | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg | RL-1  |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | 6.7    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Lead             | 2.5    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | 2.1    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | 2.6    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Lead             | ND     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Lead             | 4.4    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Lead             | 1000   | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Lead             | 220    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Lead             | 220    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Lead             | 1800   | 0.54 | 4.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Lead             | 520    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Lead             | 480    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Lead             | 140    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Lead             | 49     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Lead             | 48     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Lead             | 1100   | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Lead             | 10     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Lead             | 14     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 5.5    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 10     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 11     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 5.4    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 18     | 0.54 | 4.0 | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Lead             | 9.3    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Lead             | 12     | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Lead             | 9.4    | 0.27 | 2.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Lead             | 8.4    | 0.27 | 2.0 | mg/kg |       |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte     | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------|--------|------|------|-------|-------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Lead        | 9.1    | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Lead        | 100    | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Lead        | 35     | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Lead        | 300    | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Lead        | 320    | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Lead        | 41     | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Lead        | 78     | 0.27 | 2.0  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Lead        | 38     | 0.27 | 2.0  | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 1100 | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 9000   | 53   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 11000  | 66   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 12000  | 61   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 14000  | 64   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 7700   | 53   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 12000  | 170  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 18000  | 190  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | m,p-Xylenes | 8900   | 53   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | 530    | 60   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | 16000  | 72   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 1000   | 53   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | ND     | 1.1  | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | ND     | 74   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 9200   | 170  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 82     | 3.8  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 1400   | 72   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 2000   | 62   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 2700   | 53   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 860    | 84   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 7300   | 1100 | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 8400   | 53   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 7900   | 61   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 1900   | 80   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 410    | 3.8  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 5.3    | 0.75 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 6.7    | 0.95 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | 14000  | 64   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | 2.1    | 0.65 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | m,p-Xylenes | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | 39000  | 260  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | ND     | 47   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | m,p-Xylenes | ND     | 0.97 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 440    | 53   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | ND     | 100  | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 7400   | 230  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | m,p-Xylenes | 900    | 53   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | 9300   | 53   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | 15000  | 180  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | 15000  | 180  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | 8300   | 73   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 10000  | 53   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 2800   | 73   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | m,p-Xylenes | 3800   | 79   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | m,p-Xylenes | 5900   | 53   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | m,p-Xylenes | 9900   | 53   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | m,p-Xylenes | 1100   | 53   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | m,p-Xylenes | 780    | 53   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | m,p-Xylenes | 7700   | 1100 | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | m,p-Xylenes | ND     | 1100 | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | m,p-Xylenes | 3500   | 53   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 110  | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 1300 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 590  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 7.5  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 1600 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 530  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 53   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 0.91 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 210  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | m,p-Xylenes | ND     | 64   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | m,p-Xylenes | ND     | 53   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75 | 2.0  | ug/kg |       |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte     | Result | DL     | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------|--------|--------|-------|-------|-------|-------|
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 53     | 100   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 7.5    | 20    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | m,p-Xylenes | ND     | 3.8    | 10    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 530    | 1000  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | m,p-Xylenes | ND     | 2100   | 4000  | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | m,p-Xylenes | 310    | 53     | 100   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | m,p-Xylenes | 240    | 53     | 100   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | m,p-Xylenes | 8400   | 53     | 100   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | m,p-Xylenes | 660    | 53     | 100   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | m,p-Xylenes | 360    | 53     | 100   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | m,p-Xylenes | 400    | 53     | 100   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | m,p-Xylenes | 2900   | 53     | 100   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | m,p-Xylenes | 1100   | 7.5    | 20    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | m,p-Xylenes | 1700   | 7.5    | 20    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | m,p-Xylenes | ND     | 53     | 100   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 340    | 53     | 100   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 550    | 53     | 100   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 770    | 53     | 100   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | ND     | 84     | 160   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 1400   | 53     | 100   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 8100   | 48     | 90    | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | ND     | 0.64   | 1.7   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | m,p-Xylenes | 2.3    | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | ND     | 53     | 100   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | ND     | 0.75   | 2.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 20     | 1.9    | 5.0   | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | 370    | 66     | 120   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | ND     | 53     | 100   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | m,p-Xylenes | ND     | 69     | 130   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | m,p-Xylenes | ND     | 53     | 100   | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | m,p-Xylenes | 2800   | 53     | 100   | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | m,p-Xylenes | 4900   | 53     | 100   | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | m,p-Xylenes | 2000   | 53     | 100   | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | m,p-Xylenes | ND     | 7.5    | 20    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | m,p-Xylenes | 490    | 53     | 100   | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | m,p-Xylenes | 650    | 53     | 100   | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 7471A | Mercury     | 0.51   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 7471A | Mercury     | 0.037  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 7471A | Mercury     | 0.12   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 7471A | Mercury     | 0.086  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 7471A | Mercury     | 0.20   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 7471A | Mercury     | 0.78   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 7471A | Mercury     | 0.16   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 7471A | Mercury     | 0.13   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 7471A | Mercury     | 0.050  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 7471A | Mercury     | 0.034  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 7471A | Mercury     | 0.031  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 7471A | Mercury     | 0.043  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 7471A | Mercury     | 0.24   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 7471A | Mercury     | 0.039  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 7471A | Mercury     | 0.18   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7471A | Mercury     | 0.077  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7471A | Mercury     | 0.078  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 7471A | Mercury     | 0.16   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7471A | Mercury     | 0.12   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 7471A | Mercury     | 0.29   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 7471A | Mercury     | 0.82   | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | 0.029  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 7471A | Mercury     | 0.029  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | 0.044  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | 0.040  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | 0.077  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 7471A | Mercury     | 0.041  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 7471A | Mercury     | 0.047  | 0.0063 | 0.020 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 7471A | Mercury     | ND     | 0.0063 | 0.020 | mg/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte      | Result | DL     | RL    | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------|--------|--------|-------|-------|------------|-------|
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 7471A      | Mercury      | 0.059  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 7471A      | Mercury      | ND     | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 7471A      | Mercury      | ND     | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 7471A      | Mercury      | 0.026  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 7471A      | Mercury      | 0.38   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 7471A      | Mercury      | 1.1    | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 7471A      | Mercury      | 0.57   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 7471A      | Mercury      | 0.63   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 7471A      | Mercury      | 0.59   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 7471A      | Mercury      | 0.74   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 7471A      | Mercury      | 0.23   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 7471A      | Mercury      | 0.43   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 7471A      | Mercury      | 0.057  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 7471A      | Mercury      | 0.13   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.026  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.095  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | ND     | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | 0.081  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | 0.032  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | 0.031  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | 0.045  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 7471A      | Mercury      | 0.038  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.031  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.17   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.033  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 7471A      | Mercury      | 0.023  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 7471A      | Mercury      | 0.18   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 7471A      | Mercury      | 0.030  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 7471A      | Mercury      | 0.060  | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 7471A      | Mercury      | 0.32   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 7471A      | Mercury      | 0.23   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 7471A      | Mercury      | 0.55   | 0.0063 | 0.020 | mg/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 7471A      | Mercury      | 0.24   | 0.0063 | 0.020 | mg/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 1200   | 2500  | ug/kg | RL-1       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 3400   | 7500  | ug/kg | RL-1       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Methoxychlor | ND     | 28     | 400   | ug/kg | R-05       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Methoxychlor | ND     | 3.3    | 5.0   | ug/kg |            | C-2b  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Methoxychlor | ND     | 33     | 50    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Methoxychlor | ND     | 7.1    | 100   | ug/kg | C-06, R-05 |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Methoxychlor | ND     | 33     | 50    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Methoxychlor | ND     | 28     | 400   | ug/kg | R-05       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Methoxychlor | ND     | 7.1    | 100   | ug/kg | C-06, R-05 |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Methoxychlor | ND     | 41     | 62    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Methoxychlor | ND     | 82     | 120   | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Methoxychlor | ND     | 66     | 100   | ug/kg | RL-1       | C-2c  |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Methoxychlor | ND     | 33     | 50    | ug/kg | RL-1       | C-2c  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Methoxychlor | ND     | 28     | 400   | ug/kg | R-05       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Methoxychlor | ND     | 280    | 4000  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Methoxychlor | ND     | 14     | 200   | ug/kg | C-06, R-05 |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 580    | 1200  | ug/kg | RL-1       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 46     | 100   | ug/kg | RL-1       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 46     | 100   | ug/kg | RL-1       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 120    | 250   | ug/kg | RL-1       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 12     | 25    | ug/kg | RL-3       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 23     | 50    | ug/kg | RL-1       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 23     | 50    | ug/kg | RL-3       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 290    | 620   | ug/kg | RL-3       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Methoxychlor | ND     | 46     | 100   | ug/kg | RL-3       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 3.4    | 7.5   | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            | C-2a  |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 46     | 100   | ug/kg | RL-1       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            | C-2a  |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 46     | 100   | ug/kg | RL-1       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Methoxychlor | ND     | 2.3    | 5.0   | ug/kg |            | C-2a  |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Methoxychlor | ND     | 29     | 62    | ug/kg | RL-1       | C-2a  |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Methoxychlor | ND     | 29     | 62    | ug/kg | RL-1       | C-2a  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8081A      | Methoxychlor | ND     | 20     | 330   | ug/kg |            | R-01  |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte            | Result | DL    | RL    | Units | LNOTE     | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|--------------------|--------|-------|-------|-------|-----------|-------|
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8081A      | Methoxychlor       | ND     | 20    | 330   | ug/kg |           | R-01  |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 120   | 250   | ug/kg | C-7, RL-1 |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 5.8   | 12    | ug/kg | C-7       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 2.3   | 5.0   | ug/kg |           | C-2b  |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 3.4   | 7.5   | ug/kg | RL-1      | C-2b  |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 2.3   | 5.0   | ug/kg |           | C-2c  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 3.4   | 7.5   | ug/kg |           | C-2b  |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 5.8   | 12    | ug/kg |           | C-2c  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Methoxychlor       | ND     | 2.3   | 5.0   | ug/kg |           | C-2c  |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 6.9   | 15    | ug/kg | C-7       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 69    | 150   | ug/kg | C-7, RL-1 |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 2.3   | 5.0   | ug/kg | C-7       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Methoxychlor       | ND     | 6.9   | 15    | ug/kg | C-7       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg |           | C-2a  |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg | RL-1      | C-2a  |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg | RL-1      | C-2a  |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg | RL-1      | C-2a  |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg |           | C-2a  |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Methoxychlor       | ND     | 29    | 62    | ug/kg | RL-1      | C-2a  |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Methoxychlor       | ND     | 14    | 31    | ug/kg |           | C-2a  |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Methylene chloride | ND     | 8600  | 20000 | ug/kg |           |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Methylene chloride | ND     | 4300  | 10000 | ug/kg |           |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 530   | 1200  | ug/kg |           |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 500   | 1200  | ug/kg |           |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 520   | 1200  | ug/kg |           |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg | A-01a     |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 1400  | 3200  | ug/kg |           |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 1600  | 3700  | ug/kg |           |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 480   | 1100  | ug/kg |           |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 590   | 1400  | ug/kg |           |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 9.2   | 28    | ug/kg |           |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 600   | 1400  | ug/kg |           |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 1400  | 3300  | ug/kg |           |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 32    | 100   | ug/kg | RL-2      |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 580   | 1400  | ug/kg |           |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 500   | 1200  | ug/kg |           |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 680   | 1600  | ug/kg |           |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 8600  | 20000 | ug/kg |           |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 490   | 1100  | ug/kg |           |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 650   | 1500  | ug/kg |           |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 32    | 100   | ug/kg |           |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 8.2   | 25    | ug/kg |           |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 520   | 1200  | ug/kg |           |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 5.7   | 17    | ug/kg |           |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg |           |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 4300  | 10000 | ug/kg |           |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 2200  | 5000  | ug/kg |           |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 380   | 890   | ug/kg |           |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B      | Methylene chloride | ND     | 8.4   | 26    | ug/kg |           |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 820   | 1900  | ug/kg |           |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 1900  | 4300  | ug/kg |           |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg | A-01a     |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 1500  | 3400  | ug/kg |           |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 1500  | 3400  | ug/kg |           |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 590   | 1400  | ug/kg |           |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B      | Methylene chloride | ND     | 6.5   | 20    | ug/kg | A-01a     |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 590   | 1400  | ug/kg |           |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B      | Methylene chloride | ND     | 640   | 1500  | ug/kg |           |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B      | Methylene chloride | ND     | 8600  | 20000 | ug/kg |           |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B      | Methylene chloride | ND     | 8600  | 20000 | ug/kg |           |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Methylene chloride | ND     | 860   | 2000  | ug/kg |           |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Methylene chloride | ND     | 11000 | 25000 | ug/kg |           |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B      | Methylene chloride | ND     | 4800  | 11000 | ug/kg |           |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Methylene chloride | ND     | 65    | 200   | ug/kg |           |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B      | Methylene chloride | ND     | 430   | 1000  | ug/kg |           |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL    | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|-------|-------|-------|-------|-------|
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 13000 | 30000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Methylene chloride | ND     | 4300  | 10000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 7.9   | 24    | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Methylene chloride | ND     | 1700  | 4000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Methylene chloride | ND     | 520   | 1200  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 65    | 200   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Methylene chloride | ND     | 32    | 100   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 4300  | 10000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Methylene chloride | ND     | 17000 | 40000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Methylene chloride | ND     | 65    | 200   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Methylene chloride | ND     | 65    | 200   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 680   | 1600  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 390   | 900   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 5.5   | 17    | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 6.5   | 20    | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 16    | 50    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 530   | 1200  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Methylene chloride | ND     | 560   | 1300  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Methylene chloride | ND     | 65    | 200   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Methylene chloride | ND     | 430   | 1000  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum         | ND     | 0.26  | 4.0   | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Molybdenum         | 2.3    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Molybdenum         | ND     | 0.26  | 4.0   | mg/kg |       | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Molybdenum         | 2.1    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Molybdenum         | 2.4    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Molybdenum         | 3.2    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Molybdenum         | 2.9    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Molybdenum         | 2.4    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Molybdenum         | ND     | 0.26  | 4.0   | mg/kg |       | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Molybdenum         | 3.0    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Molybdenum         | 2.2    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Molybdenum         | 2.0    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Molybdenum         | 2.2    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Molybdenum         | 2.5    | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum         | ND     | 0.13  | 2.0   | mg/kg |       |       |

**Table E-1**  
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| Sample ID           | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte     | Result | DL      | RL       | Units | LNOTE | ANOTE |
|---------------------|-----------|---------------|--------------|-----------|-------------|--------|---------|----------|-------|-------|-------|
| PNL-F03-14.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F04-11.5 & 14.5 | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.26    | 4.0      | mg/kg |       | RL-1  |
| PNL-F04-17 & 17.5   | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F05-14 & 14.5   | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F06-12 & 14     | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F06-5.5 & 11.5  | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F07-8.5 & 11    | VIII      | INF1737       | 06/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F09-14          | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum  | ND     | 0.39    | 6.0      | mg/kg |       | RL-1  |
| PNL-F17-10          | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F18-12          | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F18-9.5         | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F19-10.5        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F21-11.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F21-9.5         | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F25-19          | VIII      | ING0094       | 07/01/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-F27-8.5         | VIII      | INF1826       | 06/29/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L1A             | IV        | INE1627       | 05/26/04     | EPA 6010B | Molybdenum  | 4.1    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L1B             | IV        | INE1627       | 05/26/04     | EPA 6010B | Molybdenum  | 3.2    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L2A             | IV        | INE1627       | 05/26/04     | EPA 6010B | Molybdenum  | 3.5    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L2B             | IV        | INE1627       | 05/26/04     | EPA 6010B | Molybdenum  | 4.6    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L3A             | IV        | INE1513       | 05/25/04     | EPA 6010B | Molybdenum  | 2.2    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L3B             | IV        | INE1513       | 05/25/04     | EPA 6010B | Molybdenum  | 2.6    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L4A             | IV        | INE1447       | 05/24/04     | EPA 6010B | Molybdenum  | 2.3    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L4B             | IV        | INE1447       | 05/24/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L5A             | IV        | INE1447       | 05/24/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-L5B             | IV        | INE1513       | 05/25/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PA1             | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | ND     | 0.26    | 4.0      | mg/kg |       | RL-1  |
| PNL-PB1             | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | 2.1    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PC1             | V         | INF0844       | 06/14/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PD1             | V         | INF0844       | 06/14/04     | EPA 6010B | Molybdenum  | ND     | 0.26    | 4.0      | mg/kg |       | RL-1  |
| PNL-PD1B            | V         | INF0844       | 06/14/04     | EPA 6010B | Molybdenum  | 2.0    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PE1             | V         | INF0844       | 06/14/04     | EPA 6010B | Molybdenum  | ND     | 0.26    | 4.0      | mg/kg |       | RL-1  |
| PNL-PG1             | V         | INF0844       | 06/14/04     | EPA 6010B | Molybdenum  | 2.6    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PH1-11          | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | 3.9    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PH1-12.5        | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PH1-7           | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | 2.4    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-PH1-8.5         | V         | INF0940       | 06/15/04     | EPA 6010B | Molybdenum  | 8.5    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP01-Stockpile  | III       | INE0965       | 05/17/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP02-Stockpile  | III       | INE1148       | 05/19/04     | EPA 6010B | Molybdenum  | 2.0    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP03-Stockpile  | III       | INE1250       | 05/20/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP04-Stockpile  | III       | INE1148       | 05/19/04     | EPA 6010B | Molybdenum  | 2.3    | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP05-Stockpile  | III       | INE1120       | 05/18/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP06-Stockpile  | III       | INE1120       | 05/18/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PNL-TP07-Stockpile  | III       | INE1250       | 05/20/04     | EPA 6010B | Molybdenum  | ND     | 0.13    | 2.0      | mg/kg |       |       |
| PIT-F-BOTTOM        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 170000 | 1600    | 5000     | ug/kg |       |       |
| PIT-F-BOTTOM        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | ND     | 1000000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 83000  | 810     | 2500     | ug/kg |       |       |
| PIT-F-SAMPLE        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | ND     | 4000000 | 13000000 | ug/kg |       |       |
| PNL-01              | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 4000   | 81      | 250      | ug/kg |       |       |
| PNL-01              | I         | INE0031       | 05/03/04     | EPA 8270C | Naphthalene | ND     | 14000   | 20000    | ug/kg |       | RL-2  |
| PNL-01-16.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 4800   | 100     | 310      | ug/kg |       |       |
| PNL-01-18.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 2800   | 94      | 290      | ug/kg |       |       |
| PNL-01-21.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 3100   | 99      | 300      | ug/kg |       |       |
| PNL-02              | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | ND     | 1.1     | 5.0      | ug/kg |       | A-01a |
| PNL-02              | I         | INC0993       | 03/15/04     | EPA 8270C | Naphthalene | ND     | 230     | 330      | ug/kg |       |       |
| PNL-03              | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 3500   | 81      | 250      | ug/kg |       |       |
| PNL-03              | I         | INC1049       | 03/16/04     | EPA 8270C | Naphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-03-19-EC        | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 5900   | 260     | 790      | ug/kg |       |       |
| PNL-03-21.5-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 7100   | 300     | 920      | ug/kg |       |       |
| PNL-04              | I         | INE0119       | 05/03/04     | EPA 8260B | Naphthalene | 3500   | 81      | 250      | ug/kg |       |       |
| PNL-04              | I         | INE0119       | 05/03/04     | EPA 8270C | Naphthalene | ND     | 4600    | 6700     | ug/kg |       | RL-2  |
| PNL-04-21.5         | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | 2800   | 91      | 280      | ug/kg |       |       |
| PNL-04-24.5         | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | 4800   | 110     | 340      | ug/kg |       |       |
| PNL-05              | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 3700   | 81      | 250      | ug/kg |       |       |
| PNL-05              | I         | INC1049       | 03/16/04     | EPA 8270C | Naphthalene | ND     | 5800    | 8300     | ug/kg |       |       |
| PNL-05-10-EC        | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | ND     | 1.5     | 7.0      | ug/kg |       |       |
| PNL-05A-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 1100   | 110     | 350      | ug/kg |       |       |
| PNL-05A-25-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 8800   | 260     | 820      | ug/kg |       |       |
| PNL-06              | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 140    | 5.5     | 25       | ug/kg |       | RL-2  |
| PNL-06              | I         | INE0228       | 05/05/04     | EPA 8270C | Naphthalene | ND     | 4600    | 6700     | ug/kg |       | RL-1  |
| PNL-06-15.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 2400   | 110     | 340      | ug/kg |       |       |
| PNL-06-21.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 2700   | 95      | 290      | ug/kg |       |       |
| PNL-06-9.5-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | ND     | 1.1     | 5.0      | ug/kg |       |       |
| PNL-07              | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 5000   | 81      | 250      | ug/kg |       |       |
| PNL-07              | I         | INE0031       | 05/03/04     | EPA 8270C | Naphthalene | ND     | 28000   | 40000    | ug/kg |       | RL-2  |
| PNL-07-12.5         | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 8700   | 130     | 390      | ug/kg |       |       |
| PNL-08              | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 170000 | 1600    | 5000     | ug/kg |       |       |
| PNL-08              | I         | INE0228       | 05/05/04     | EPA 8270C | Naphthalene | ND     | 14000   | 20000    | ug/kg |       | RL-2  |
| PNL-08-18.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 3900   | 81      | 250      | ug/kg |       |       |
| PNL-08-24.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 2700   | 93      | 290      | ug/kg |       |       |
| PNL-08-9.5-EC       | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 3200   | 120     | 380      | ug/kg |       |       |
| PNL-09              | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 820    | 5.5     | 25       | ug/kg |       |       |
| PNL-09              | I         | INE0228       | 05/05/04     | EPA 8270C | Naphthalene | ND     | 2300    | 3300     | ug/kg |       | RL-1  |
| PNL-09 FILL         | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 10     | 1.1     | 5.0      | ug/kg |       |       |
| PNL-09 FILL         | I         | INE0228       | 05/05/04     | EPA 8270C | Naphthalene | ND     | 4600    | 6700     | ug/kg |       | RL-1  |

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Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte     | Result | DL    | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------|--------|-------|-------|-------|-------|-------|
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 14     | 1.4   | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | 8600   | 98    | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | ND     | 0.96  | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | 5.6    | 1.1   | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Naphthalene | 41000  | 810   | 2500  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | 7400   | 400   | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | ND     | 72    | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Naphthalene | ND     | 1.4   | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 870    | 81    | 250   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Naphthalene | ND     | 5800  | 8300  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 6500   | 160   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 11000  | 350   | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Naphthalene | 2700   | 81    | 250   | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | 4300   | 81    | 250   | ug/kg | A-01a |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Naphthalene | ND     | 23000 | 33000 | ug/kg | RL-2  |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | 11000  | 280   | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | 7900   | 280   | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | 4800   | 110   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg | A-01a |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Naphthalene | ND     | 1200  | 1700  | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 10000  | 81    | 250   | ug/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Naphthalene | ND     | 28000 | 40000 | ug/kg | RL-2  |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 8400   | 110   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Naphthalene | 5600   | 120   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Naphthalene | 5400   | 81    | 250   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Naphthalene | ND     | 4600  | 6700  | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Naphthalene | 6700   | 81    | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Naphthalene | ND     | 3500  | 5000  | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Naphthalene | 3100   | 81    | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Naphthalene | ND     | 6900  | 10000 | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Naphthalene | 3900   | 81    | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Naphthalene | ND     | 4600  | 6700  | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Naphthalene | 300000 | 4000  | 12000 | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Naphthalene | ND     | 4600  | 6700  | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Naphthalene | 70000  | 1600  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Naphthalene | 16000  | 8600  | 12000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Naphthalene | 4800   | 81    | 250   | ug/kg |       | M2    |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Naphthalene | ND     | 35000 | 50000 | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 11000  | 160   | 500   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | 33000  | 5800  | 8300  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 130000 | 2000  | 6200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | 27000  | 17000 | 25000 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 70000  | 900   | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | 1800   | 11    | 50    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | 53000  | 12000 | 17000 | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | 7900   | 81    | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | ND     | 81    | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | ND     | 3400  | 5000  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | 38000  | 2400  | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | 23000  | 810   | 2500  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | 130000 | 23000 | 33000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | ND     | 81    | 250   | ug/kg | RL-2  |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | ND     | 1200  | 1700  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | 390    | 1.3   | 6.0   | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | 17000  | 320   | 1000  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | 2800   | 1700  | 2500  | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | ND     | 1200  | 1700  | ug/kg | RL-2  |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Naphthalene | 8900   | 99    | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Naphthalene | 10000  | 81    | 250   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Naphthalene | 3800   | 1200  | 1700  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | 1700   | 81    | 250   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | 750    | 11    | 50    | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | 40000  | 8600  | 12000 | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Naphthalene | 69     | 5.5   | 25    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | ND     | 1.1   | 5.0   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | ND     | 230   | 330   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene | 24000  | 810   | 2500  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene | 65000  | 23000 | 33000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Naphthalene | 260000 | 3200  | 10000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Naphthalene | 150000 | 23000 | 33000 | ug/kg |       |       |

**Table E-1**  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|----------------|--------|-------|--------|-------|------------|-------|
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8270C | Naphthalene    | ND     | 230   | 330    | ug/kg |            |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Naphthalene    | 5500   | 81    | 250    | ug/kg |            |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8270C | Naphthalene    | ND     | 34000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Naphthalene    | 1900   | 81    | 250    | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8270C | Naphthalene    | ND     | 34000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Naphthalene    | 8100   | 81    | 250    | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8270C | Naphthalene    | ND     | 86000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Naphthalene    | 2800   | 81    | 250    | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8270C | Naphthalene    | ND     | 34000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | Naphthalene    | 3600   | 81    | 250    | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8270C | Naphthalene    | ND     | 69000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Naphthalene    | 6400   | 81    | 250    | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8270C | Naphthalene    | ND     | 34000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Naphthalene    | 2400   | 81    | 250    | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8270C | Naphthalene    | ND     | 6900  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | Naphthalene    | 1500   | 11    | 50     | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8270C | Naphthalene    | ND     | 14000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Naphthalene    | 1200   | 11    | 50     | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8270C | Naphthalene    | ND     | 14000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Naphthalene    | 1800   | 81    | 250    | ug/kg |            | M2    |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8270C | Naphthalene    | ND     | 69000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 6700   | 81    | 250    | ug/kg |            |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 23000 | 33000  | ug/kg | RL-2       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 20000  | 81    | 250    | ug/kg |            |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 12000  | 81    | 250    | ug/kg |            |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 910    | 130   | 390    | ug/kg | RL-2       |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 5700   | 81    | 250    | ug/kg |            |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 12000 | 17000  | ug/kg | RL-2       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 7400   | 73    | 230    | ug/kg |            |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8270C | Naphthalene    | ND     | 340   | 500    | ug/kg | RL-1       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8270C | Naphthalene    | ND     | 230   | 330    | ug/kg |            |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | 7.8    | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8270C | Naphthalene    | ND     | 340   | 500    | ug/kg | RL-1       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8270C | Naphthalene    | ND     | 3400  | 5000   | ug/kg | RL-1       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 0.94  | 4.3    | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | Naphthalene    | ND     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8270C | Naphthalene    | ND     | 460   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 2400   | 81    | 250    | ug/kg |            |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 4600  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 34     | 1.1   | 5.0    | ug/kg |            |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 4600  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 150    | 2.8   | 12     | ug/kg |            |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 1200  | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 2400   | 100   | 310    | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 2700   | 81    | 250    | ug/kg |            |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8270C | Naphthalene    | ND     | 12000 | 17000  | ug/kg | RL-2       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Naphthalene    | 600    | 110   | 330    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | Naphthalene    | 16000  | 81    | 250    | ug/kg |            | M-HA  |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8270C | Naphthalene    | 150000 | 12000 | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Naphthalene    | 2800   | 81    | 250    | ug/kg |            |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | Naphthalene    | ND     | 4600  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Naphthalene    | 8300   | 81    | 250    | ug/kg |            |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | Naphthalene    | ND     | 9200  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Naphthalene    | 3900   | 81    | 250    | ug/kg |            |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8270C | Naphthalene    | ND     | 4600  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Naphthalene    | ND     | 11    | 50     | ug/kg | RL-4       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | Naphthalene    | ND     | 5800  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Naphthalene    | 1900   | 81    | 250    | ug/kg |            |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8270C | Naphthalene    | ND     | 6900  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Naphthalene    | 920    | 81    | 250    | ug/kg |            |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8270C | Naphthalene    | ND     | 4600  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 680   | 5000   | ug/kg |            |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 340   | 2500   | ug/kg |            |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | 1800   | 34    | 250    | ug/kg |            |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 42    | 310    | ug/kg |            |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | 2100   | 39    | 290    | ug/kg |            |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | 2300   | 41    | 300    | ug/kg |            |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72  | 5.0    | ug/kg | A-01a      |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 1500   | 34    | 250    | ug/kg |            |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | ND     | 110   | 790    | ug/kg |            |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 3400   | 120   | 920    | ug/kg |            |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 34    | 250    | ug/kg |            |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 38    | 280    | ug/kg |            |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 46    | 340    | ug/kg |            |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 740    | 34    | 250    | ug/kg |            |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | ND     | 1.0   | 7.0    | ug/kg |            |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | ND     | 48    | 350    | ug/kg |            |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | ND     | 110   | 820    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|------|-------|-------|-------|-------|
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 41     | 3.6  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 1100   | 46   | 340   | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 840    | 40   | 290   | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | 1300   | 34   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | 2400   | 54   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 680  | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 1900   | 34   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 1400   | 39   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 1300   | 51   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | 260    | 3.6  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 0.91 | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 41   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 0.63 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-10-9.5'-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 340  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 170  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 30   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Butylbenzene | ND     | 0.93 | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 2300   | 65   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 4900   | 150  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | n-Butylbenzene | 820    | 34   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | 2000   | 34   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | ND     | 120  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | ND     | 120  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | ND     | 47   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 47   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | n-Butylbenzene | ND     | 51   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Butylbenzene | 1300   | 34   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Butylbenzene | 870    | 34   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Butylbenzene | ND     | 680  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Butylbenzene | ND     | 680  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Butylbenzene | 1800   | 34   | 250   | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 68   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 850  | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 380  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 7.2  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 1000 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 340  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 0.87 | 6.0   | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 140  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Butylbenzene | ND     | 41   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 7.2  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Butylbenzene | ND     | 3.6  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 340  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | n-Butylbenzene | ND     | 1400 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Butylbenzene | ND     | 7.2  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Butylbenzene | 700    | 7.2  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Butylbenzene | 570    | 34   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | 480    | 54   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 31   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|------|-----|-------|-------|-------|
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.61 | 4.3 | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Butylbenzene | ND     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | 630    | 34   | 250 | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | 34     | 0.72 | 5.0 | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 1.8  | 12  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 42   | 310 | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | 780    | 34   | 250 | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | n-Butylbenzene | ND     | 44   | 330 | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | n-Butylbenzene | 450    | 34   | 250 | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250 | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250 | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250 | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | n-Butylbenzene | ND     | 7.2  | 50  | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | n-Butylbenzene | 640    | 34   | 250 | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | n-Butylbenzene | ND     | 34   | 250 | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | 5.2    | 0.50 | 4.0 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | ND     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Nickel         | 42     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Nickel         | 22     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Nickel         | 28     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Nickel         | 24     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Nickel         | 14     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Nickel         | 9.5    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Nickel         | 35     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Nickel         | 30     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Nickel         | 15     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Nickel         | 11     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Nickel         | 3.0    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Nickel         | 16     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Nickel         | 22     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Nickel         | 19     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Nickel         | 19     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Nickel         | 36     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Nickel         | 42     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Nickel         | 28     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Nickel         | 20     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Nickel         | 20     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Nickel         | 32     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Nickel         | 6.0    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Nickel         | 20     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | 6.4    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | 16     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 12     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 23     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 4.9    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 21     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 7.3    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 34     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Nickel         | 17     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | ND     | 0.75 | 6.0 | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 3.1    | 0.25 | 2.0 | mg/kg |       | RL-1  |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 2.7    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 10     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Nickel         | 4.8    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 4.2    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 4.3    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Nickel         | 3.4    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Nickel         | 6.3    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Nickel         | 32     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Nickel         | 43     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Nickel         | 36     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Nickel         | 54     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Nickel         | 58     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Nickel         | 34     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Nickel         | 32     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Nickel         | 29     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Nickel         | 28     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Nickel         | 25     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 18     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 18     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Nickel         | 8.3    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Nickel         | 15     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Nickel         | 8.1    | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Nickel         | 19     | 0.50 | 4.0 | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Nickel         | 14     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 34     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 13     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 19     | 0.25 | 2.0 | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Nickel         | 40     | 0.25 | 2.0 | mg/kg |       |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                    | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Nickel                     | 23     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Nickel                     | 25     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Nickel                     | 16     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Nickel                     | 26     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Nickel                     | 14     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Nickel                     | 20     | 0.25    | 2.0      | mg/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Nickel                     | 12     | 0.25    | 2.0      | mg/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Nitrobenzene               | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Nitrobenzene               | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Nitrobenzene               | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Nitrobenzene               | ND     | 29000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Nitrobenzene               | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Nitrobenzene               | ND     | 2400    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Nitrobenzene               | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Nitrobenzene               | ND     | 24000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Nitrobenzene               | ND     | 1200    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Nitrobenzene               | ND     | 29000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Nitrobenzene               | ND     | 3600    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Nitrobenzene               | ND     | 7200    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Nitrobenzene               | ND     | 9000    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Nitrobenzene               | ND     | 36000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 6000    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 18000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 3600    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 1800    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Nitrobenzene               | ND     | 1200    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 9000    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Nitrobenzene               | ND     | 24000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Nitrobenzene               | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Nitrobenzene               | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Nitrobenzene               | ND     | 90000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Nitrobenzene               | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Nitrobenzene               | ND     | 72000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Nitrobenzene               | ND     | 36000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Nitrobenzene               | ND     | 7200    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Nitrobenzene               | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Nitrobenzene               | ND     | 14000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Nitrobenzene               | ND     | 72000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 24000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Nitrobenzene               | ND     | 360     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Nitrobenzene               | ND     | 240     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Nitrobenzene               | ND     | 360     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Nitrobenzene               | ND     | 3600    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Nitrobenzene               | ND     | 480     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 1200    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Nitrobenzene               | ND     | 12000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Nitrobenzene               | ND     | 12000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Nitrobenzene               | ND     | 9600    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Nitrobenzene               | ND     | 6000    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Nitrobenzene               | ND     | 7200    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Nitrobenzene               | ND     | 4800    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1100000 | 2500000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 4400000 | 10000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 14000   | 15000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 6000    | 6200     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 6000    | 6200     | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                    | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------------------|--------|---------|----------|-------|------------|-------|
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 29000   | 30000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 14000   | 15000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 2400    | 2500     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 6000    | 6200     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 24000   | 25000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 1200    | 1200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 29000   | 30000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 3600    | 3800     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 7200    | 7500     | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 9000    | 9400     | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 36000   | 38000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 6000    | 6200     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 18000   | 19000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 12000   | 12000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 3600    | 3800     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 24000   | 25000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1200    | 1200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1800    | 1900     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1200    | 1200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1200    | 1200     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 9000    | 9400     | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 24000   | 25000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 24000   | 25000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 36000   | 37000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 36000   | 37000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 90000   | 94000    | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 36000   | 37000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 72000   | 75000    | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 36000   | 37000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 7200    | 7500     | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 14000   | 15000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 14000   | 15000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 72000   | 75000    | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 24000   | 25000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 12000   | 12000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 360     | 380      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 240     | 250      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 360     | 380      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 3600    | 3800     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 480     | 500      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 1200    | 1200     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitroso-di-n-propylamine | ND     | 12000   | 12000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 12000   | 12000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 9600    | 10000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 6000    | 6200     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 7200    | 7500     | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | n-Nitroso-di-n-propylamine | ND     | 4800    | 5000     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitrosodiphenylamine     | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitrosodiphenylamine     | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 190     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 11000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 1900    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 3800    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 190     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 4800    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 190     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 19000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 950     | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 23000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 3800    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 2900    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | n-Nitrosodiphenylamine     | ND     | 5700    | 10000    | ug/kg | RL-2       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|-------|--------|-------|------------|-------|
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 7100  | 12000  | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 29000 | 50000  | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 4800  | 8300   | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 14000 | 25000  | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 9500  | 17000  | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 2800  | 5000   | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 1400  | 2500   | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 950   | 1700   | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 7100  | 12000  | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 19000 | 33000  | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 71000 | 120000 | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 57000 | 100000 | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 28000 | 50000  | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 5700  | 10000  | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 11000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 11000 | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 57000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 19000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 9500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 280   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 190   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 280   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 2800  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 380   | 670    | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 950   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 9500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 9500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 7600  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | n-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 4800  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 5700  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | N-Nitrosodiphenylamine | ND     | 3800  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene        | ND     | 720   | 2000   | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene        | ND     | 360   | 1000   | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 2500   | 36    | 100    | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 2600   | 45    | 120    | ug/kg |            |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 3100   | 42    | 120    | ug/kg |            |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 3400   | 44    | 120    | ug/kg |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.61  | 2.0    | ug/kg | A-01a      |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 2200   | 36    | 100    | ug/kg |            |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 2500   | 110   | 320    | ug/kg |            |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 4100   | 130   | 370    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 2900   | 36    | 100    | ug/kg |            |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene        | 910    | 40    | 110    | ug/kg |            |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene        | 4200   | 49    | 140    | ug/kg |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 790    | 36    | 100    | ug/kg |            |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.86  | 2.8    | ug/kg |            |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 170    | 51    | 140    | ug/kg |            |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene        | 3400   | 120   | 330    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 54     | 3.0   | 10     | ug/kg | RL-2       |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 1400   | 49    | 140    | ug/kg |            |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 1100   | 42    | 120    | ug/kg |            |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.61  | 2.0    | ug/kg |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 2300   | 36    | 100    | ug/kg |            |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene        | 5200   | 57    | 160    | ug/kg |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 2900   | 720   | 2000   | ug/kg |            |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 2700   | 36    | 100    | ug/kg |            |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 2100   | 41    | 110    | ug/kg |            |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 1900   | 54    | 150    | ug/kg |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 960    | 3.0   | 10     | ug/kg |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 2.9    | 0.61  | 2.0    | ug/kg |            |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 2.8    | 0.77  | 2.5    | ug/kg |            |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | 8100   | 44    | 120    | ug/kg |            |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.61  | 2.0    | ug/kg |            |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.61  | 2.0    | ug/kg |            |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.53  | 1.7    | ug/kg |            |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene        | ND     | 0.61  | 2.0    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte         | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-----------------|--------|------|------|-------|-------|-------|
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | n-Propylbenzene | 3000   | 360  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene | 3600   | 180  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene | ND     | 32   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | n-Propylbenzene | ND     | 0.79 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene | 120    | 36   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene | 4400   | 69   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene | 5700   | 160  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | n-Propylbenzene | 1300   | 36   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene | 3300   | 36   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene | 7500   | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene | 5500   | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene | 4000   | 49   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene | 3900   | 36   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene | 1800   | 50   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | n-Propylbenzene | 1700   | 54   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Propylbenzene | 1800   | 36   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Propylbenzene | 2600   | 36   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | n-Propylbenzene | 1500   | 36   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Propylbenzene | 1100   | 36   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | n-Propylbenzene | ND     | 720  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Propylbenzene | 6900   | 720  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | n-Propylbenzene | 3200   | 36   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene | 1000   | 72   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene | 8800   | 900  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene | 4100   | 400  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | 110    | 6.1  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | 370    | 36   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | 350    | 36   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | 3.7    | 0.61 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | 12000  | 1100 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | 3600   | 360  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | ND     | 36   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | 40     | 0.74 | 2.4  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | 1600   | 140  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | 7.9    | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | n-Propylbenzene | 410    | 44   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | n-Propylbenzene | 810    | 36   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | 120    | 36   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | 130    | 6.1  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | n-Propylbenzene | 12     | 3.0  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | 5400   | 360  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | n-Propylbenzene | 28000  | 1400 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Propylbenzene | 2700   | 36   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Propylbenzene | 670    | 36   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Propylbenzene | 2300   | 36   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | n-Propylbenzene | 960    | 36   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Propylbenzene | 500    | 36   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Propylbenzene | 1600   | 36   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Propylbenzene | 2200   | 36   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Propylbenzene | 900    | 6.1  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | n-Propylbenzene | 1700   | 6.1  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | n-Propylbenzene | 1800   | 36   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 680    | 36   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 2600   | 36   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 1300   | 36   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 760    | 57   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 4100   | 36   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 5700   | 33   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.52 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | n-Propylbenzene | ND     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 1800   | 36   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 99     | 0.61 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 250    | 1.5  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 2200   | 45   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 2400   | 36   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | n-Propylbenzene | 500    | 47   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | n-Propylbenzene | 880    | 36   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | n-Propylbenzene | 970    | 36   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | n-Propylbenzene | 2400   | 36   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | n-Propylbenzene | 1400   | 36   | 100  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte         | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|----------------|-----------------|--------|------|------|-------|-------|-------|
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | n-Propylbenzene | ND     | 6.1  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B      | n-Propylbenzene | 820    | 36   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B      | n-Propylbenzene | 360    | 36   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | 9800   | 11   | 30   | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | 3200   | 5.7  | 15   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 413.2 MOD. | Oil & Grease    | 18000  | 95   | 250  | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 413.2 MOD. | Oil & Grease    | 17     | 1.9  | 5.0  | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 413.2 MOD. | Oil & Grease    | 11000  | 190  | 500  | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 413.2 MOD. | Oil & Grease    | 44000  | 380  | 1000 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 413.2 MOD. | Oil & Grease    | 11000  | 190  | 500  | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 413.2 MOD. | Oil & Grease    | 2600   | 38   | 100  | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 413.2 MOD. | Oil & Grease    | 67000  | 480  | 1200 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 413.2 MOD. | Oil & Grease    | 28000  | 190  | 500  | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 413.2 MOD. | Oil & Grease    | 1800   | 38   | 100  | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 413.2 MOD. | Oil & Grease    | 2700   | 38   | 100  | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 413.2 MOD. | Oil & Grease    | 1000   | 19   | 50   | mg/kg |       | M-HA  |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 413.2 MOD. | Oil & Grease    | 5300   | 38   | 100  | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 413.2 MOD. | Oil & Grease    | 36000  | 190  | 500  | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 413.2 MOD. | Oil & Grease    | 48000  | 190  | 500  | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 413.2 MOD. | Oil & Grease    | 880    | 19   | 50   | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 413.2 MOD. | Oil & Grease    | 24000  | 95   | 250  | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 413.2 MOD. | Oil & Grease    | 31000  | 230  | 600  | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 413.2 MOD. | Oil & Grease    | 15000  | 110  | 300  | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 413.2 MOD. | Oil & Grease    | 20000  | 110  | 300  | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 413.2 MOD. | Oil & Grease    | 5400   | 57   | 150  | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 413.2 MOD. | Oil & Grease    | 54000  | 570  | 1500 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 413.2 MOD. | Oil & Grease    | 1500   | 11   | 30   | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 413.2 MOD. | Oil & Grease    | 25000  | 190  | 500  | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | 990    | 5.7  | 15   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | 2600   | 5.7  | 15   | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | 1600   | 5.7  | 15   | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 2100   | 5.7  | 15   | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 480    | 5.7  | 15   | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 1200   | 5.7  | 15   | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 410    | 5.7  | 15   | mg/kg | M2    |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 83     | 5.7  | 15   | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 413.2 MOD. | Oil & Grease    | 320    | 5.7  | 15   | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | 180    | 5.7  | 15   | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | 1300   | 5.7  | 15   | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 413.2 MOD. | Oil & Grease    | 4700   | 95   | 250  | mg/kg | M-HA  |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 5.7  | 15   | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 413.2 MOD. | Oil & Grease    | 100000 | 570  | 1500 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 413.2 MOD. | Oil & Grease    | 140000 | 570  | 1500 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 413.2 MOD. | Oil & Grease    | 78000  | 570  | 1500 | mg/kg |       | M-HA  |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 413.2 MOD. | Oil & Grease    | 120000 | 570  | 1500 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 413.2 MOD. | Oil & Grease    | 170000 | 1100 | 3000 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 413.2 MOD. | Oil & Grease    | 100000 | 570  | 1500 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 413.2 MOD. | Oil & Grease    | 110000 | 570  | 1500 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 413.2 MOD. | Oil & Grease    | 24000  | 230  | 600  | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 413.2 MOD. | Oil & Grease    | 55000  | 570  | 1500 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 413.2 MOD. | Oil & Grease    | 82000  | 570  | 1500 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 15000  | 110  | 300  | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 32000  | 280  | 750  | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | ND     | 1.9  | 5.0  | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | 2100   | 3.8  | 10   | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | 45     | 1.9  | 5.0  | mg/kg |       | M2    |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | 150    | 3.8  | 10   | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | 4400   | 38   | 100  | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 413.2 MOD. | Oil & Grease    | 9.6    | 1.9  | 5.0  | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 16000  | 230  | 600  | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 35000  | 230  | 600  | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 7900   | 110  | 300  | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 413.2 MOD. | Oil & Grease    | 27000  | 280  | 750  | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 413.2 MOD. | Oil & Grease    | 9900   | 95   | 250  | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 413.2 MOD. | Oil & Grease    | 32000  | 280  | 750  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 413.2 MOD. | Oil & Grease    | 12000  | 95   | 250  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 413.2 MOD. | Oil & Grease    | 27000  | 190  | 500  | mg/kg | M-HA  |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 413.2 MOD. | Oil & Grease    | 1600   | 9.5  | 25   | mg/kg |       | M-HA  |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 413.2 MOD. | Oil & Grease    | 7400   | 38   | 100  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 413.2 MOD. | Oil & Grease    | 3700   | 38   | 100  | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | HML 939-M      | Organic Lead    | 44     | 7.1  | 25   | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | HML 939-M      | Organic Lead    | 34     | 7.1  | 25   | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | DHS LUFT       | Organic Lead    | ND     |      | 1.00 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result | DL   | RL   | Units | LNOTE | ANOTE  |
|--------------------------|-----------|---------------|--------------|-----------|--------------|--------|------|------|-------|-------|--------|
| PNL-09                   | I         | INE0228       | 05/05/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-11                   | I         | INE0119       | 05/03/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-12                   | I         | INC1049       | 03/16/04     | DHS LUFT  | Organic Lead | 2.18   |      | 1.00 | mg/kg |       |        |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-13                   | I         | INC0993       | 03/15/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-14                   | I         | INE0031       | 05/03/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA06-Stockpile       | II        | INE0765       | 05/13/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA08-Stockpile       | II        | INE0764       | 05/11/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | HML 939-M | Organic Lead | ND     | 7.1  | 25   | ug/kg |       |        |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | HML 939-M | Organic Lead | 1200   |      | 1000 | ug/kg |       |        |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | HML 939-M | Organic Lead | 1700   |      | 1200 | ug/kg |       |        |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | HML 939-M | Organic Lead | 2200   |      | 1200 | ug/kg |       |        |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | HML 939-M | Organic Lead | 3000   |      | 2500 | ug/kg |       |        |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | HML 939-M | Organic Lead | 5200   |      | 1200 | ug/kg |       |        |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | HML 939-M | Organic Lead | 630    |      | 250  | ug/kg |       |        |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | HML 939-M | Organic Lead | 3700   |      | 2500 | ug/kg |       |        |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | HML 939-M | Organic Lead | 260    |      | 120  | ug/kg |       | M1, M2 |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | HML 939-M | Organic Lead | 200    |      | 120  | ug/kg |       |        |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | HML 939-M | Organic Lead | 170    |      | 120  | ug/kg |       |        |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | HML 939-M | Organic Lead | ND     | 36   | 250  | ug/kg |       | RL-1   |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | HML 939-M | Organic Lead | ND     | 7.1  | 50   | ug/kg |       |        |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | HML 939-M | Organic Lead | 170    |      | 120  | ug/kg |       |        |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | HML 939-M | Organic Lead | 4700   |      | 1200 | ug/kg |       |        |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | HML 939-M | Organic Lead | 590    |      | 120  | ug/kg |       |        |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | DHS LUFT  | Organic Lead | ND     |      | 1.00 | mg/kg |       |        |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene     | ND     | 560  | 2000 | ug/kg |       |        |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene     | ND     | 280  | 1000 | ug/kg |       |        |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 4400   | 28   | 100  | ug/kg |       |        |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 5100   | 35   | 120  | ug/kg |       |        |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 6400   | 32   | 120  | ug/kg |       |        |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 6600   | 34   | 120  | ug/kg |       |        |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene     | ND     | 0.47 | 2.0  | ug/kg |       | A-01a  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | 2100   | 28   | 100  | ug/kg |       |        |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | 5900   | 89   | 320  | ug/kg |       |        |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | 7900   | 100  | 370  | ug/kg |       |        |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | o-Xylene     | 3100   | 28   | 100  | ug/kg |       |        |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene     | 200    | 31   | 110  | ug/kg |       |        |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene     | 8500   | 38   | 140  | ug/kg |       |        |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | ND     | 28   | 100  | ug/kg |       |        |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | ND     | 0.66 | 2.8  | ug/kg |       |        |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | ND     | 39   | 140  | ug/kg |       |        |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene     | ND     | 92   | 330  | ug/kg |       |        |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 57     | 2.4  | 10   | ug/kg |       | RL-2   |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 510    | 38   | 140  | ug/kg |       |        |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 1900   | 33   | 120  | ug/kg |       |        |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | ND     | 0.47 | 2.0  | ug/kg |       |        |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 1400   | 28   | 100  | ug/kg |       |        |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene     | 410    | 44   | 160  | ug/kg |       |        |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 3600   | 560  | 2000 | ug/kg |       |        |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 4400   | 28   | 100  | ug/kg |       |        |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene     | 4200   | 32   | 110  | ug/kg |       |        |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte  | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------|--------|------|------|-------|-------|-------|
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | 270    | 42   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | 27     | 2.4  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | 2.7    | 0.47 | 2.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | 3.0    | 0.60 | 2.5  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | 850    | 34   | 120  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 0.41 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | o-Xylene | ND     | 280  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | 18000  | 140  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 25   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | o-Xylene | ND     | 0.61 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene | 330    | 28   | 100  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene | ND     | 54   | 190  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene | ND     | 120  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene | 5700   | 28   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene | 10000  | 97   | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene | 8200   | 97   | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene | 4900   | 38   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene | 6700   | 28   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene | 2700   | 39   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | o-Xylene | 2900   | 42   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | o-Xylene | 3100   | 28   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | o-Xylene | 4800   | 28   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | o-Xylene | 690    | 28   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | o-Xylene | 310    | 28   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | o-Xylene | 4700   | 560  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | o-Xylene | ND     | 560  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | o-Xylene | 3100   | 28   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene | ND     | 56   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene | ND     | 700  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene | ND     | 310  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 4.7  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | ND     | 830  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 280  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | 9.2    | 0.57 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 110  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | o-Xylene | ND     | 34   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 4.7  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | o-Xylene | ND     | 2.4  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 280  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | o-Xylene | ND     | 1100 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | o-Xylene | 130    | 28   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | o-Xylene | 130    | 28   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | o-Xylene | 4800   | 28   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | o-Xylene | 280    | 28   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | o-Xylene | 220    | 28   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | o-Xylene | 250    | 28   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | o-Xylene | 1300   | 28   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | o-Xylene | 32     | 4.7  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | o-Xylene | 810    | 4.7  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | 270    | 28   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | 690    | 28   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | 570    | 28   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | ND     | 44   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | 630    | 25   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.40 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | o-Xylene | ND     | 0.47 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | o-Xylene | ND     | 28   | 100  | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method       | Analyte                   | Result | DL   | RL   | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|--------------|---------------------------|--------|------|------|-------|------------|-------|
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B    | o-Xylene                  | ND     | 0.47 | 2.0  | ug/kg |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B    | o-Xylene                  | 6.8    | 1.2  | 5.0  | ug/kg |            |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B    | o-Xylene                  | 150    | 35   | 120  | ug/kg |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B    | o-Xylene                  | ND     | 28   | 100  | ug/kg |            |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B    | o-Xylene                  | ND     | 36   | 130  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B    | o-Xylene                  | ND     | 28   | 100  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B    | o-Xylene                  | 1500   | 28   | 100  | ug/kg |            |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B    | o-Xylene                  | 2800   | 28   | 100  | ug/kg |            |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B    | o-Xylene                  | 1400   | 28   | 100  | ug/kg |            |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B    | o-Xylene                  | ND     | 4.7  | 20   | ug/kg | RL-4       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B    | o-Xylene                  | 210    | 28   | 100  | ug/kg |            |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B    | o-Xylene                  | 320    | 28   | 100  | ug/kg |            |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | SW-846 9095A | Paint Filter Liquids Test | ND     | 1.0  | 1.0  | ml    |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8082     | PCB-1016                  | ND     | 35   | 400  | ug/kg | C-06       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8082     | PCB-1016                  | ND     | 35   | 400  | ug/kg | C-06       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8082     | PCB-1016                  | ND     | 35   | 400  | ug/kg | C-06       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082     | PCB-1016                  | ND     | 350  | 4000 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | R-05       | C-06  |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8082     | PCB-1016                  | ND     | 20   | 40   | ug/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8082     | PCB-1016                  | ND     | 200  | 400  | ug/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8082     | PCB-1016                  | ND     | 200  | 400  | ug/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8082     | PCB-1016                  | ND     | 100  | 200  | ug/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8082     | PCB-1016                  | ND     | 20   | 40   | ug/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8082     | PCB-1016                  | ND     | 10   | 20   | ug/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8082     | PCB-1016                  | 3500   | 10   | 20   | ug/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8082     | PCB-1016                  | ND     | 10   | 20   | ug/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8082     | PCB-1016                  | ND     | 10   | 20   | ug/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8082     | PCB-1016                  | ND     | 20   | 40   | ug/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8082     | PCB-1016                  | ND     | 18   | 200  | ug/kg | C-06       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082     | PCB-1016                  | ND     | 180  | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8082     | PCB-1016                  | ND     | 50   | 100  | ug/kg | R-05       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082     | PCB-1016                  | ND     | 180  | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8082     | PCB-1016                  | ND     | 180  | 2000 | ug/kg | C-06, R-05 |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method   | Analyte  | Result | DL  | RL    | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|----------|----------|--------|-----|-------|-------|------------|-------|
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1016 | ND     | 180 | 2000  | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1016 | ND     | 50  | 100   | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1221 | ND     | 35  | 1600  | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1221 | ND     | 35  | 1600  | ug/kg | C-06       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1221 | ND     | 35  | 1600  | ug/kg | C-06       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1221 | ND     | 350 | 16000 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | R-05       | C-06  |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1221 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1221 | ND     | 200 | 400   | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1221 | ND     | 200 | 400   | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1221 | ND     | 100 | 200   | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1221 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1221 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1221 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1221 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1221 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1221 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8082 | PCB-1221 | ND     | 18  | 800   | ug/kg | C-06       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1221 | ND     | 180 | 8000  | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1221 | ND     | 50  | 100   | ug/kg | R-05       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1221 | ND     | 180 | 8000  | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1221 | ND     | 180 | 8000  | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1221 | ND     | 180 | 8000  | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1221 | ND     | 50  | 100   | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1232 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1232 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1232 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1232 | ND     | 350 | 4000  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1232 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1232 | ND     | 200 | 400   | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1232 | ND     | 200 | 400   | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1232 | ND     | 100 | 200   | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1232 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1232 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1232 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1232 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1232 | ND     | 10  | 20    | ug/kg |            |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1232 | ND     | 20  | 40    | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8082 | PCB-1232 | ND     | 18  | 200   | ug/kg | C-06       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1232 | ND     | 180 | 2000  | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1232 | ND     | 50  | 100   | ug/kg | R-05       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1232 | ND     | 180 | 2000  | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1232 | ND     | 180 | 2000  | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1232 | ND     | 180 | 2000  | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1232 | ND     | 50  | 100   | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1242 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1242 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1242 | ND     | 35  | 400   | ug/kg | C-06       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1242 | ND     | 350 | 4000  | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200   | ug/kg | R-05       | C-06  |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1242 | ND     | 20  | 40    | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method   | Analyte  | Result | DL  | RL   | Units | LNOTE      | ANOTE |
|--------------------|-----------|---------------|--------------|----------|----------|--------|-----|------|-------|------------|-------|
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1242 | ND     | 200 | 400  | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1242 | ND     | 200 | 400  | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1242 | ND     | 100 | 200  | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1242 | ND     | 20  | 40   | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1242 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1242 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1242 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1242 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1242 | ND     | 20  | 40   | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8082 | PCB-1242 | ND     | 18  | 200  | ug/kg | C-06       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1242 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1242 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1242 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1242 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1242 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1242 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1248 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1248 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1248 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1248 | ND     | 350 | 4000 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1248 | 1100   | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1248 | ND     | 20  | 40   | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1248 | ND     | 200 | 400  | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1248 | ND     | 200 | 400  | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1248 | ND     | 100 | 200  | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1248 | ND     | 20  | 40   | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1248 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1248 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1248 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1248 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1248 | ND     | 20  | 40   | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8082 | PCB-1248 | ND     | 18  | 200  | ug/kg | C-06       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1248 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1248 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1248 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1248 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1248 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1248 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1254 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1254 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | C-06, R-05 |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1254 | ND     | 35  | 400  | ug/kg | C-06       |       |
| PNL-BA01-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile | II        | INE0892       | 05/13/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile | II        | INE0765       | 05/11/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1254 | ND     | 350 | 4000 | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile | II        | INE0764       | 05/12/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | R-05       | C-06  |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1254 | 700    | 20  | 40   | ug/kg |            |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1254 | 5000   | 200 | 400  | ug/kg |            |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1254 | 2500   | 200 | 400  | ug/kg |            |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8082 | PCB-1254 | 1800   | 100 | 200  | ug/kg |            |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1254 | 950    | 20  | 40   | ug/kg |            |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1254 | 170    | 10  | 20   | ug/kg |            |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1254 | 56     | 10  | 20   | ug/kg |            |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1254 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8082 | PCB-1254 | ND     | 10  | 20   | ug/kg |            |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8082 | PCB-1254 | 220    | 20  | 40   | ug/kg |            |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8082 | PCB-1254 | ND     | 18  | 200  | ug/kg | C-06       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1254 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1254 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8082 | PCB-1254 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1254 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8082 | PCB-1254 | ND     | 180 | 2000 | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8082 | PCB-1254 | ND     | 50  | 100  | ug/kg | R-05       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8082 | PCB-1260 | ND     | 26  | 400  | ug/kg | C-06       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8082 | PCB-1260 | ND     | 13  | 200  | ug/kg | R-05       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8082 | PCB-1260 | ND     | 13  | 200  | ug/kg | C-06, R-05 |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------|--------|---------|----------|-------|------------|-------|
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8082  | PCB-1260          | ND     | 26      | 400      | ug/kg | C-06       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8082  | PCB-1260          | ND     | 26      | 400      | ug/kg | C-06       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1260          | ND     | 260     | 4000     | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | R-05       | C-06  |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8082  | PCB-1260          | ND     | 20      | 40       | ug/kg |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8082  | PCB-1260          | ND     | 200     | 400      | ug/kg |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8082  | PCB-1260          | ND     | 200     | 400      | ug/kg |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8082  | PCB-1260          | ND     | 100     | 200      | ug/kg |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8082  | PCB-1260          | ND     | 20      | 40       | ug/kg |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8082  | PCB-1260          | ND     | 10      | 20       | ug/kg |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8082  | PCB-1260          | 44     | 10      | 20       | ug/kg |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8082  | PCB-1260          | ND     | 10      | 20       | ug/kg |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8082  | PCB-1260          | ND     | 10      | 20       | ug/kg |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8082  | PCB-1260          | ND     | 20      | 40       | ug/kg |            |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8082  | PCB-1260          | ND     | 13      | 200      | ug/kg | C-06       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082  | PCB-1260          | ND     | 130     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8082  | PCB-1260          | ND     | 50      | 100      | ug/kg | R-05       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082  | PCB-1260          | ND     | 130     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8082  | PCB-1260          | ND     | 130     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8082  | PCB-1260          | ND     | 130     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8082  | PCB-1260          | ND     | 50      | 100      | ug/kg | R-05       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8082  | PCB-1268          | ND     | 35      | 400      | ug/kg | C-06       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | C-06, R-05 |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8082  | PCB-1268          | ND     | 35      | 400      | ug/kg | C-06       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | C-06, R-05 |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | C-06, R-05 |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | C-06, R-05 |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8082  | PCB-1268          | ND     | 35      | 400      | ug/kg | C-06       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1268          | ND     | 350     | 4000     | ug/kg | C-06, R-05 |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | R-05       | C-06  |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8082  | PCB-1268          | ND     | 18      | 200      | ug/kg | C-06       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082  | PCB-1268          | ND     | 180     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8082  | PCB-1268          | ND     | 180     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8082  | PCB-1268          | ND     | 180     | 2000     | ug/kg | C-06, R-05 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8082  | PCB-1268          | ND     | 180     | 2000     | ug/kg | C-06, R-05 |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 1300000 | 8300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 5200000 | 33000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pentachlorophenol | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Pentachlorophenol | ND     | 200     | 830      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pentachlorophenol | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pentachlorophenol | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pentachlorophenol | ND     | 24000   | 100000   | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pentachlorophenol | ND     | 12000   | 50000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pentachlorophenol | ND     | 2000    | 8300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Pentachlorophenol | ND     | 200     | 830      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pentachlorophenol | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Pentachlorophenol | ND     | 200     | 830      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Pentachlorophenol | ND     | 20000   | 83000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Pentachlorophenol | ND     | 1000    | 4200     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pentachlorophenol | ND     | 24000   | 100000   | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pentachlorophenol | ND     | 3000    | 12000    | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Pentachlorophenol | ND     | 6000    | 25000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pentachlorophenol | ND     | 4000    | 17000    | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pentachlorophenol | ND     | 7500    | 31000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pentachlorophenol | ND     | 30000   | 120000   | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 5000    | 21000    | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 15000   | 62000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 10000   | 42000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 3000    | 12000    | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 20000   | 83000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 1000    | 4200     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 1500    | 6200     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 1000    | 4200     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pentachlorophenol | ND     | 1000    | 4200     | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL    | RL     | Units    | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------|--------|-------|--------|----------|------------|-------|
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 7500  | 31000  | ug/kg    |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 20000 | 83000  | ug/kg    |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Pentachlorophenol | ND     | 20000 | 83000  | ug/kg    |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pentachlorophenol | ND     | 30000 | 120000 | ug/kg    | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pentachlorophenol | ND     | 30000 | 120000 | ug/kg    | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pentachlorophenol | ND     | 75000 | 310000 | ug/kg    | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pentachlorophenol | ND     | 30000 | 120000 | ug/kg    | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Pentachlorophenol | ND     | 60000 | 250000 | ug/kg    | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Pentachlorophenol | ND     | 30000 | 120000 | ug/kg    | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Pentachlorophenol | ND     | 6000  | 25000  | ug/kg    | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Pentachlorophenol | ND     | 12000 | 50000  | ug/kg    | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Pentachlorophenol | ND     | 12000 | 50000  | ug/kg    | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Pentachlorophenol | ND     | 60000 | 250000 | ug/kg    | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 20000 | 83000  | ug/kg    | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 10000 | 42000  | ug/kg    | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Pentachlorophenol | ND     | 300   | 1200   | ug/kg    | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Pentachlorophenol | ND     | 200   | 830    | ug/kg    |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Pentachlorophenol | ND     | 300   | 1200   | ug/kg    | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Pentachlorophenol | ND     | 3000  | 12000  | ug/kg    | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Pentachlorophenol | ND     | 400   | 1700   | ug/kg    | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 4000  | 17000  | ug/kg    | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 4000  | 17000  | ug/kg    | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 1000  | 4200   | ug/kg    | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Pentachlorophenol | ND     | 10000 | 42000  | ug/kg    | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Pentachlorophenol | ND     | 10000 | 42000  | ug/kg    |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Pentachlorophenol | ND     | 4000  | 17000  | ug/kg    | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Pentachlorophenol | ND     | 8000  | 33000  | ug/kg    | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Pentachlorophenol | ND     | 4000  | 17000  | ug/kg    | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Pentachlorophenol | ND     | 5000  | 21000  | ug/kg    | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Pentachlorophenol | ND     | 6000  | 25000  | ug/kg    | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Pentachlorophenol | ND     | 4000  | 17000  | ug/kg    | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 8.16   | 0.00  | 0.00   | pH Units |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 7.29   | 0.00  | 0.00   | pH Units |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 9045C | pH                | 10.6   | 0.00  | 0.00   | pH Units |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 9045C | pH                | 8.18   | 0.00  | 0.00   | pH Units |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 9045C | pH                | 9.10   | 0.00  | 0.00   | pH Units |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 9045C | pH                | 8.35   | 0.00  | 0.00   | pH Units |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 9045C | pH                | 10.4   | 0.00  | 0.00   | pH Units |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 9045C | pH                | 9.39   | 0.00  | 0.00   | pH Units |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 9045C | pH                | 8.15   | 0.00  | 0.00   | pH Units |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 9045C | pH                | 9.34   | 0.00  | 0.00   | pH Units |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 9045C | pH                | 9.12   | 0.00  | 0.00   | pH Units |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 9045C | pH                | 9.57   | 0.00  | 0.00   | pH Units |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 9045C | pH                | 8.15   | 0.00  | 0.00   | pH Units |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 9045C | pH                | 8.44   | 0.00  | 0.00   | pH Units |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 9045C | pH                | 8.36   | 0.00  | 0.00   | pH Units |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 9045C | pH                | 8.34   | 0.00  | 0.00   | pH Units |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 9045C | pH                | 8.41   | 0.00  | 0.00   | pH Units |            |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 9045C | pH                | 8.78   | 0.00  | 0.00   | pH Units |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 9045C | pH                | 10.3   | 0     | 0.00   | pH Units |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 9045C | pH                | 9.75   | 0.00  | 0.00   | pH Units |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 9045C | pH                | 8.87   | 0     | 0.00   | pH Units |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 9045C | pH                | 9.49   | 0     | 0.00   | pH Units |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 9045C | pH                | 9.85   | 0     | 0.00   | pH Units |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 9045C | pH                | 8.15   | 0.00  | 0.00   | pH Units |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 9045C | pH                | 9.18   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 7.61   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 8.05   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.00   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 8.60   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 8.42   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 8.87   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 8.55   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 7.90   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 9045C | pH                | 8.65   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 8.03   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.83   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.45   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.28   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 9045C | pH                | 9.08   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.37   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.55   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 9045C | pH                | 7.70   | 0.00  | 0.00   | pH Units |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 9045C | pH                | 8.29   | 0.00  | 0.00   | pH Units |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 9045C | pH                | 7.77   | 0.00  | 0.00   | pH Units |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 9045C | pH                | 7.67   | 0.00  | 0.00   | pH Units |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 9045C | pH                | 7.97   | 0.00  | 0.00   | pH Units |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 9045C | pH                | 8.21   | 0.00  | 0.00   | pH Units |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 9045C | pH                | 7.36   | 0.00  | 0.00   | pH Units |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte      | Result   | DL      | RL       | Units    | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------|----------|---------|----------|----------|-------|-------|
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 9045C | pH           | 7.57     | 0.00    | 0.00     | pH Units |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 9045C | pH           | 7.97     | 0.00    | 0.00     | pH Units |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 9045C | pH           | 7.61     | 0.00    | 0.00     | pH Units |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 9045C | pH           | 7.91     | 0.00    | 0.00     | pH Units |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 9045C | pH           | 7.05     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.50     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.57     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 8.03     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 7.77     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 8.07     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 10.5     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 8.01     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 9045C | pH           | 7.86     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.56     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.04     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.85     | 0.00    | 0.00     | pH Units |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 9045C | pH           | 8.78     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 9045C | pH           | 8.92     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 9045C | pH           | 9.30     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 9045C | pH           | 8.29     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 9045C | pH           | 8.60     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 9045C | pH           | 8        | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 9045C | pH           | 8.23     | 0.00    | 0.00     | pH Units |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 9045C | pH           | 8.56     | 0.00    | 0.00     | pH Units |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | 12000000 | 920000  | 3300000  | ug/kg    |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | 55000000 | 3700000 | 13000000 | ug/kg    |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenanthrene | ND       | 10000   | 20000    | ug/kg    | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenanthrene | ND       | 4200    | 8300     | ug/kg    |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenanthrene | 9200     | 4200    | 8300     | ug/kg    |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenanthrene | ND       | 20000   | 40000    | ug/kg    | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenanthrene | ND       | 10000   | 20000    | ug/kg    | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenanthrene | ND       | 1700    | 3300     | ug/kg    | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Phenanthrene | 460      | 170     | 330      | ug/kg    |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenanthrene | ND       | 4200    | 8300     | ug/kg    |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Phenanthrene | ND       | 17000   | 33000    | ug/kg    | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Phenanthrene | ND       | 850     | 1700     | ug/kg    | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenanthrene | ND       | 20000   | 40000    | ug/kg    | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenanthrene | ND       | 2600    | 5000     | ug/kg    | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Phenanthrene | ND       | 5100    | 10000    | ug/kg    | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenanthrene | 11000    | 3400    | 6700     | ug/kg    | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenanthrene | 110000   | 6400    | 12000    | ug/kg    |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenanthrene | ND       | 26000   | 50000    | ug/kg    | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | 140000   | 4200    | 8300     | ug/kg    |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | 380000   | 13000   | 25000    | ug/kg    |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | 260000   | 8500    | 17000    | ug/kg    |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | 43000    | 2600    | 5000     | ug/kg    |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | 520000   | 17000   | 33000    | ug/kg    |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | ND       | 850     | 1700     | ug/kg    | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | 32000    | 1300    | 2500     | ug/kg    | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | 6400     | 850     | 1700     | ug/kg    | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenanthrene | 37000    | 850     | 1700     | ug/kg    |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | 160000   | 6400    | 12000    | ug/kg    |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenanthrene | 380      | 170     | 330      | ug/kg    |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | 470000   | 17000   | 33000    | ug/kg    |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Phenanthrene | 540000   | 17000   | 33000    | ug/kg    |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenanthrene | ND       | 26000   | 50000    | ug/kg    | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenanthrene | ND       | 26000   | 50000    | ug/kg    | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenanthrene | ND       | 64000   | 120000   | ug/kg    | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenanthrene | ND       | 26000   | 50000    | ug/kg    | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenanthrene | ND       | 51000   | 100000   | ug/kg    | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenanthrene | ND       | 26000   | 50000    | ug/kg    | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenanthrene | ND       | 5100    | 10000    | ug/kg    | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenanthrene | ND       | 10000   | 20000    | ug/kg    | RL-2  |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenanthrene | ND       | 10000   | 20000    | ug/kg    | RL-2  |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenanthrene | ND       | 51000   | 100000   | ug/kg    | RL-2  |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene | ND       | 17000   | 33000    | ug/kg    | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene | ND       | 8500    | 17000    | ug/kg    | RL-2  |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenanthrene | ND       | 260     | 500      | ug/kg    | RL-1  |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenanthrene | ND       | 170     | 330      | ug/kg    |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Phenanthrene | ND       | 260     | 500      | ug/kg    | RL-1  |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenanthrene | ND       | 2600    | 5000     | ug/kg    | RL-1  |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenanthrene | ND       | 340     | 670      | ug/kg    | RL-1  |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene | ND       | 3400    | 6700     | ug/kg    | RL-2  |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|------------|-------|
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene       | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene       | ND     | 850     | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Phenanthrene       | ND     | 8500    | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Phenanthrene       | 55000  | 8500    | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Phenanthrene       | 6700   | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Phenanthrene       | ND     | 6800    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Phenanthrene       | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Phenanthrene       | ND     | 4200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Phenanthrene       | ND     | 5100    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Phenanthrene       | ND     | 3400    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 1100000 | 3300000  | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 4400000 | 13000000 | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenol             | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenol             | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenol             | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenol             | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenol             | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Phenol             | ND     | 2100    | 3300     | ug/kg | RL-1       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-1       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Phenol             | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Phenol             | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Phenol             | ND     | 1000    | 1700     | ug/kg | RL-1       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Phenol             | ND     | 25000   | 40000    | ug/kg | RL-2       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenol             | ND     | 3200    | 5000     | ug/kg | RL-2       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Phenol             | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenol             | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Phenol             | ND     | 32000   | 50000    | ug/kg | RL-1       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 5200    | 8300     | ug/kg |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 16000   | 25000    | ug/kg |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 3200    | 5000     | ug/kg |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 1600    | 2500     | ug/kg | RL-2       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Phenol             | ND     | 1000    | 1700     | ug/kg |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 7900    | 12000    | ug/kg |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Phenol             | ND     | 21000   | 33000    | ug/kg |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenol             | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenol             | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenol             | ND     | 79000   | 120000   | ug/kg | RL-2       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Phenol             | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenol             | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenol             | ND     | 31000   | 50000    | ug/kg | RL-2       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenol             | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenol             | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Phenol             | ND     | 13000   | 20000    | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Phenol             | ND     | 63000   | 100000   | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 21000   | 33000    | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenol             | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenol             | ND     | 210     | 330      | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C | Phenol             | ND     | 320     | 500      | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenol             | ND     | 3200    | 5000     | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C | Phenol             | ND     | 420     | 670      | ug/kg | RL-1       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 1000    | 1700     | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C | Phenol             | ND     | 10000   | 17000    | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C | Phenol             | ND     | 10000   | 17000    | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Phenol             | ND     | 8400    | 13000    | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Phenol             | ND     | 5200    | 8300     | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C | Phenol             | ND     | 6300    | 10000    | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C | Phenol             | ND     | 4200    | 6700     | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 960     | 2000     | ug/kg |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 480     | 1000     | ug/kg |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 1800   | 48      | 100      | ug/kg |            |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 2200   | 60      | 120      | ug/kg |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|------|------|-------|-------|-------|
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 2700   | 56   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 2600   | 58   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 1600   | 48   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 2200   | 150  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 3700   | 180  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 2600   | 48   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | 560    | 54   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | 3300   | 65   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 610    | 48   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | ND     | 1.0  | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 140    | 67   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 2600   | 160  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 28     | 3.6  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 670    | 65   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 910    | 56   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 1000   | 48   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 810    | 76   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 2300   | 960  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 2000   | 48   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 1700   | 55   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 1400   | 72   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 420    | 3.6  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 2.6    | 0.72 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.91 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | 5300   | 58   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.63 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-10-9.5'-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | 770    | 240  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 43   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.93 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 3000   | 92   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 5000   | 210  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | p-Isopropyltoluene | 600    | 48   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | 2000   | 48   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | 3200   | 170  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | 3500   | 170  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | 2000   | 66   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 2800   | 48   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 1500   | 66   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | p-Isopropyltoluene | 1300   | 72   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | p-Isopropyltoluene | 1200   | 48   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | p-Isopropyltoluene | 2100   | 48   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | p-Isopropyltoluene | 870    | 48   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | p-Isopropyltoluene | 630    | 48   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | p-Isopropyltoluene | ND     | 960  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | p-Isopropyltoluene | ND     | 960  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | p-Isopropyltoluene | 1200   | 48   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | 210    | 96   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 1200 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 530  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 7.2  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 1400 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.87 | 2.4  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 190  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | p-Isopropyltoluene | ND     | 58   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | p-Isopropyltoluene | 130    | 48   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 7.2  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | p-Isopropyltoluene | ND     | 3.6  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 480  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | p-Isopropyltoluene | 5000   | 1900 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | p-Isopropyltoluene | 580    | 48   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | p-Isopropyltoluene | 240    | 48   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | p-Isopropyltoluene | 1400   | 48   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | p-Isopropyltoluene | 470    | 48   | 100  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte            | Result | DL      | RL       | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------|--------|---------|----------|-------|-------|-------|
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | p-Isopropyltoluene | 150    | 48      | 100      | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | p-Isopropyltoluene | 650    | 48      | 100      | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | p-Isopropyltoluene | 1000   | 48      | 100      | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | p-Isopropyltoluene | 560    | 7.2     | 20       | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | p-Isopropyltoluene | 510    | 7.2     | 20       | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48      | 100      | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 580    | 48      | 100      | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 1100   | 48      | 100      | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 910    | 48      | 100      | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | ND     | 76      | 160      | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 3100   | 48      | 100      | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 4800   | 43      | 90       | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.61    | 1.7      | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | p-Isopropyltoluene | ND     | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 430    | 48      | 100      | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 5.2    | 0.72    | 2.0      | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 89     | 1.8     | 5.0      | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 2000   | 60      | 120      | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | 350    | 48      | 100      | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | p-Isopropyltoluene | ND     | 62      | 130      | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | p-Isopropyltoluene | ND     | 48      | 100      | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | p-Isopropyltoluene | 530    | 48      | 100      | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | p-Isopropyltoluene | 990    | 48      | 100      | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | p-Isopropyltoluene | 690    | 48      | 100      | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | p-Isopropyltoluene | ND     | 7.2     | 20       | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | p-Isopropyltoluene | 280    | 48      | 100      | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | p-Isopropyltoluene | 300    | 48      | 100      | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 1300000 | 3300000  | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 5200000 | 13000000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pyrene             | ND     | 9000    | 20000    | ug/kg | RL-2  |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pyrene             | ND     | 3800    | 8300     | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-2  |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pyrene             | 8600   | 3800    | 8300     | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-1  |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pyrene             | ND     | 18000   | 40000    | ug/kg | RL-2  |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pyrene             | ND     | 9000    | 20000    | ug/kg | RL-2  |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8270C | Pyrene             | ND     | 1500    | 3300     | ug/kg | RL-1  |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-1  |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8270C | Pyrene             | ND     | 3800    | 8300     | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8270C | Pyrene             | ND     | 15000   | 33000    | ug/kg | RL-2  |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8270C | Pyrene             | ND     | 750     | 1700     | ug/kg | RL-1  |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8270C | Pyrene             | ND     | 18000   | 40000    | ug/kg | RL-2  |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-2  |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pyrene             | ND     | 2300    | 5000     | ug/kg | RL-2  |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8270C | Pyrene             | ND     | 4500    | 10000    | ug/kg | RL-2  |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-2  |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8270C | Pyrene             | ND     | 3000    | 6700     | ug/kg | RL-2  |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pyrene             | ND     | 5600    | 12000    | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8270C | Pyrene             | ND     | 23000   | 50000    | ug/kg | RL-1  |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 3800    | 8300     | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 11000   | 25000    | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 7500    | 17000    | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 2200    | 5000     | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 15000   | 33000    | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 750     | 1700     | ug/kg | RL-2  |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 1100    | 2500     | ug/kg | RL-2  |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 750     | 1700     | ug/kg | RL-2  |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8270C | Pyrene             | ND     | 750     | 1700     | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 5600    | 12000    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 15000   | 33000    | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8270C | Pyrene             | ND     | 15000   | 33000    | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8270C | Pyrene             | ND     | 150     | 330      | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pyrene             | ND     | 22000   | 50000    | ug/kg | RL-2  |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pyrene             | ND     | 22000   | 50000    | ug/kg | RL-2  |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pyrene             | ND     | 56000   | 120000   | ug/kg | RL-2  |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8270C | Pyrene             | ND     | 22000   | 50000    | ug/kg | RL-2  |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Pyrene             | ND     | 45000   | 100000   | ug/kg | RL-2  |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8270C | Pyrene             | ND     | 22000   | 50000    | ug/kg | RL-2  |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Pyrene             | ND     | 4500    | 10000    | ug/kg | RL-2  |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8270C | Pyrene             | ND     | 9000    | 20000    | ug/kg | RL-2  |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte               | Result | DL    | RL     | Units | LNOTE      | ANOTE |
|--------------------------|-----------|---------------|--------------|---------------|-----------------------|--------|-------|--------|-------|------------|-------|
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8270C     | Pyrene                | ND     | 9000  | 20000  | ug/kg | RL-2       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8270C     | Pyrene                | ND     | 45000 | 100000 | ug/kg | RL-2       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 15000 | 33000  | ug/kg | RL-2       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 7500  | 17000  | ug/kg | RL-2       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8270C     | Pyrene                | ND     | 220   | 500    | ug/kg | RL-1       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8270C     | Pyrene                | ND     | 150   | 330    | ug/kg |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8270C     | Pyrene                | ND     | 220   | 500    | ug/kg | RL-1       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8270C     | Pyrene                | ND     | 2200  | 5000   | ug/kg | RL-1       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8270C     | Pyrene                | ND     | 300   | 670    | ug/kg | RL-1       | M1    |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 3000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 3000  | 6700   | ug/kg | RL-2       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 750   | 1700   | ug/kg | RL-2       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8270C     | Pyrene                | ND     | 7500  | 17000  | ug/kg | RL-2       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8270C     | Pyrene                | 17000  | 7500  | 17000  | ug/kg |            |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C     | Pyrene                | ND     | 3000  | 6700   | ug/kg | RL-2       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C     | Pyrene                | ND     | 6000  | 13000  | ug/kg | RL-2       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8270C     | Pyrene                | ND     | 3000  | 6700   | ug/kg | RL-2       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C     | Pyrene                | ND     | 3800  | 8300   | ug/kg | A-01, RL-1 |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8270C     | Pyrene                | ND     | 4500  | 10000  | ug/kg | RL-2       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8270C     | Pyrene                | ND     | 3000  | 6700   | ug/kg | RL-2       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | SW846 7.3.2.1 | Reactivity with water | ND     |       | 1.0    | N/A   |            |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method        | Analyte               | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|---------------|-----------------------|--------|------|------|-------|-------|-------|
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | SW846 7.3.2.1 | Reactivity with water | ND     |      | 1.0  | N/A   |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | 28000  | 620  | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | 8600   | 310  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1100   | 31   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1200   | 39   | 310  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1400   | 36   | 290  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1600   | 38   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 920    | 31   | 250  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 1300   | 98   | 790  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 2000   | 110  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1300   | 31   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | 450    | 35   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | 1800   | 42   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 400    | 31   | 250  | ug/kg |       |       |
| PNL-05-10-EC             | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.94 | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC          | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 44   | 350  | ug/kg |       |       |
| PNL-05A-25-EC            | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 1600   | 100  | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 28     | 3.4  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 690    | 42   | 340  | ug/kg |       |       |
| PNL-06-21.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 530    | 36   | 290  | ug/kg |       |       |
| PNL-06-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 980    | 31   | 250  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 2400   | 49   | 390  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 620  | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 1200   | 31   | 250  | ug/kg |       |       |
| PNL-08-24.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 880    | 36   | 290  | ug/kg |       |       |
| PNL-08-9.5-EC            | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 960    | 47   | 380  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 290    | 3.4  | 25   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-09-10-EC             | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.85 | 6.3  | ug/kg |       |       |
| PNL-09-15.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | 3200   | 38   | 300  | ug/kg |       |       |
| PNL-09-18.5-EC           | I         | INE0228       | 05/05/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.58 | 4.3  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 23000  | 310  | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 160  | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | 250    | 28   | 220  | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.86 | 6.4  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 31   | 250  | ug/kg |       |       |
| PNL-12-16-EC             | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 2100   | 59   | 480  | ug/kg |       |       |
| PNL-12-18-EC             | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 2800   | 130  | 1100 | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B     | sec-Butylbenzene      | 660    | 31   | 250  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | 1400   | 31   | 250  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | 3200   | 110  | 860  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | 2400   | 110  | 860  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | 1800   | 42   | 340  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 1700   | 31   | 250  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 790    | 43   | 340  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B     | sec-Butylbenzene      | 730    | 46   | 370  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B     | sec-Butylbenzene      | 820    | 31   | 250  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B     | sec-Butylbenzene      | 1200   | 31   | 250  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B     | sec-Butylbenzene      | 670    | 31   | 250  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B     | sec-Butylbenzene      | 590    | 31   | 250  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 620  | 5000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B     | sec-Butylbenzene      | 59000  | 620  | 5000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B     | sec-Butylbenzene      | 1300   | 31   | 250  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | 7600   | 62   | 500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | 65000  | 780  | 6200 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | 33000  | 350  | 2800 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B     | sec-Butylbenzene      | 580    | 6.7  | 50   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B     | sec-Butylbenzene      | 2800   | 31   | 250  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | 2300   | 31   | 250  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | 23     | 0.67 | 5.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | 41000  | 920  | 7400 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | 13000  | 310  | 2500 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 31   | 250  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | 110    | 0.81 | 6.0  | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | 10000  | 120  | 1000 | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | 28     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B     | sec-Butylbenzene      | 3100   | 38   | 300  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B     | sec-Butylbenzene      | 6800   | 31   | 250  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B     | sec-Butylbenzene      | ND     | 0.67 | 5.0  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte          | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------|--------|------|-------|-------|-------|-------|
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | sec-Butylbenzene | 810    | 31   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | sec-Butylbenzene | 420    | 6.7  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | sec-Butylbenzene | 100    | 3.4  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | sec-Butylbenzene | 8.8    | 0.67 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | sec-Butylbenzene | 35000  | 310  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | sec-Butylbenzene | 180000 | 1200 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | sec-Butylbenzene | 920    | 31   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | sec-Butylbenzene | 330    | 31   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | sec-Butylbenzene | 1200   | 31   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | sec-Butylbenzene | 400    | 31   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | sec-Butylbenzene | ND     | 31   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | sec-Butylbenzene | 610    | 31   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | sec-Butylbenzene | 830    | 31   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | sec-Butylbenzene | 320    | 6.7  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | sec-Butylbenzene | 570    | 6.7  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | sec-Butylbenzene | 860    | 31   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 640    | 31   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 2400   | 31   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 1400   | 31   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 480    | 49   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 1800   | 31   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 2400   | 28   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.57 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | sec-Butylbenzene | ND     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 840    | 31   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 42     | 0.67 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 87     | 1.7  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 1000   | 39   | 310   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | 1100   | 31   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | sec-Butylbenzene | ND     | 40   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | sec-Butylbenzene | 450    | 31   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | sec-Butylbenzene | 470    | 31   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | sec-Butylbenzene | 950    | 31   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | sec-Butylbenzene | 690    | 31   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | sec-Butylbenzene | ND     | 6.7  | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | sec-Butylbenzene | 440    | 31   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | sec-Butylbenzene | ND     | 31   | 250   | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | ND     | 1.2  | 4.0   | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Selenium         | ND     | 1.2  | 4.0   | mg/kg |       | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Selenium         | 3.5    | 0.58 | 2.0   | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Selenium         | ND     | 1.2  | 4.0   | mg/kg |       | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 1.2  | 4.0   | mg/kg |       | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | ND     | 1.7  | 6.0   | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Selenium         | 3.1    | 0.58 | 2.0   | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium         | ND     | 0.58 | 2.0   | mg/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte  | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------|--------|------|-----|-------|-------|-------|
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 1.2  | 4.0 | mg/kg |       | RL-1  |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 1.2  | 4.0 | mg/kg |       | RL-1  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 1.2  | 4.0 | mg/kg |       | RL-1  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Selenium | ND     | 0.58 | 2.0 | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.32 | 2.0 | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Silver   | ND     | 0.32 | 2.0 | mg/kg |       | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       | M1    |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Silver   | ND     | 0.32 | 2.0 | mg/kg |       | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.32 | 2.0 | mg/kg |       | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.48 | 3.0 | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Silver   | ND     | 0.16 | 1.0 | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------|--------|------|------|-------|-------|-------|
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.32 | 2.0  | mg/kg |       | RL-1  |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Silver  | ND     | 0.32 | 2.0  | mg/kg |       | RL-1  |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Silver  | ND     | 0.32 | 2.0  | mg/kg |       | RL-1  |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Silver  | ND     | 0.16 | 1.0  | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene | 22000  | 600  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene | 5200   | 300  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 37   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 35   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 36   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 95   | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 110  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 34   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 41   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 0.82 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 42   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 98   | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 2.9  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 41   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 35   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 47   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | 2500   | 600  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 34   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 45   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 2.9  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 0.74 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 36   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 0.50 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Styrene | 33000  | 300  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 150  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 27   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Styrene | ND     | 0.75 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 57   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 130  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 100  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 100  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 41   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | 690    | 30   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 41   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Styrene | ND     | 45   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Styrene | 3300   | 600  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Styrene | 150000 | 600  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene | ND     | 60   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene | 6900   | 750  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene | ND     | 330  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene | 2000   | 5.8  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene | 3200   | 30   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene | ND     | 0.58 | 2.0  | ug/kg |       | I     |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|-------------------|--------|------|------|-------|-------|-------|
| PNL-F04-16.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene           | ND     | 890  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene           | ND     | 300  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5  | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC      | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene           | ND     | 0.70 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14    | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene           | ND     | 120  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5 | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC    | VIII      | INF1737       | 06/28/04     | EPA 8260B | Styrene           | 310    | 36   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11   | VIII      | INF1737       | 06/25/04     | EPA 8260B | Styrene           | 260    | 30   | 100  | ug/kg |       |       |
| PNL-F09-14         | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Styrene           | ND     | 2.9  | 10   | ug/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | 1400   | 300  | 1000 | ug/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 8260B | Styrene           | 53000  | 1200 | 4000 | ug/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | Styrene           | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | Styrene           | ND     | 5.8  | 20   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 47   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 27   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.49 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 0.58 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 1.4  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 37   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | Styrene           | ND     | 39   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Styrene           | ND     | 5.8  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | Styrene           | ND     | 30   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 540  | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 270  | 2500 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 34   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 31   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 33   | 300  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-03-19-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 85   | 790  | ug/kg |       |       |
| PNL-03-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 99   | 920  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 30   | 280  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 37   | 340  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-05-10-EC       | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.87 | 7.0  | ug/kg |       |       |
| PNL-05A-21.5-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 38   | 350  | ug/kg |       |       |
| PNL-05A-25-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 88   | 820  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 3.1  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 36   | 340  | ug/kg |       |       |
| PNL-06-21.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 32   | 290  | ug/kg |       |       |
| PNL-06-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 43   | 390  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 540  | 5000 | ug/kg |       |       |
| PNL-08-18.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-08-24.5-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 31   | 290  | ug/kg |       |       |
| PNL-08-9.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 41   | 380  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 3.1  | 25   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0  | ug/kg |       |       |

**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------|--------|------|-------|-------|-------|-------|
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.79 | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 33   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       | I     |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.54 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 270  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 140  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 24   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.80 | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 52   | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 120  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 93   | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 93   | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 37   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 37   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | tert-Butylbenzene | ND     | 40   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | tert-Butylbenzene | ND     | 540  | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | tert-Butylbenzene | ND     | 540  | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 54   | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 680  | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 300  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 6.2  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 800  | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 270  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.75 | 6.0   | ug/kg |       | I     |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 110  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | tert-Butylbenzene | ND     | 33   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 6.2  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | tert-Butylbenzene | ND     | 3.1  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 270  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | tert-Butylbenzene | ND     | 1100 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | tert-Butylbenzene | ND     | 6.2  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | tert-Butylbenzene | ND     | 6.2  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 43   | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 24   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.53 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 0.62 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 1.6  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 34   | 310   | ug/kg |       |       |

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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------|--------|------|------|-------|-------|-------|
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | tert-Butylbenzene | ND     | 35   | 330  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | tert-Butylbenzene | ND     | 6.2  | 50   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | tert-Butylbenzene | ND     | 27   | 250  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 880  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 55   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 51   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 54   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 140  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 160  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 49   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 60   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 0.69 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 62   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 140  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 2.4  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 59   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 52   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 69   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 51   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 66   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 2.4  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 0.62 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 53   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 0.43 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 220  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 39   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Tetrachloroethene | ND     | 0.63 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 84   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 190  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 150  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 150  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 60   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 61   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Tetrachloroethene | ND     | 66   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Tetrachloroethene | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Tetrachloroethene | ND     | 880  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 88   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 1100 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 490  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 4.9  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       | I     |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 1300 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 0.59 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 180  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Tetrachloroethene | ND     | 54   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |



**Table E-1**  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte           | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|-------------------|--------|------|------|-------|-------|-------|
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 4.9  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Tetrachloroethene | ND     | 2.4  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 440  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Tetrachloroethene | ND     | 1800 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Tetrachloroethene | ND     | 4.9  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Tetrachloroethene | ND     | 4.9  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 69   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 40   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | 7.8    | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.42 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 0.49 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 1.2  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 55   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Tetrachloroethene | ND     | 57   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Tetrachloroethene | ND     | 4.9  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Tetrachloroethene | ND     | 44   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium          | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Thallium          | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Thallium          | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium          | ND     | 1.2  | 30   | mg/kg |       | RL-1  |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium          | ND     | 0.39 | 10   | mg/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte  | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|----------|--------|------|------|-------|-------|-------|
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 6010B | Thallium | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 6010B | Thallium | ND     | 0.78 | 20   | mg/kg |       | RL-1  |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 6010B | Thallium | ND     | 0.39 | 10   | mg/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene  | ND     | 660  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene  | ND     | 330  | 1000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 3400   | 33   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 4300   | 41   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 2800   | 38   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 4300   | 40   | 120  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | 230    | 33   | 100  | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | 3300   | 100  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 120  | 370  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Toluene  | 670    | 33   | 100  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 37   | 110  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | 6900   | 45   | 140  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 33   | 100  | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 1.3  | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 46   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 110  | 330  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 4.6  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 45   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 130    | 39   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 120    | 33   | 100  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | ND     | 52   | 160  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 3200   | 660  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 4800   | 33   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 5000   | 38   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 220    | 50   | 150  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | 10     | 4.6  | 10   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 1.2  | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 40   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 0.79 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | Toluene  | 1700   | 330  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | 4100   | 160  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 29   | 89   | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Toluene  | ND     | 1.2  | 2.6  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 33   | 100  | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 63   | 190  | ug/kg |       |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | 1100   | 140  | 430  | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | Toluene  | ND     | 33   | 100  | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | 4200   | 33   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | 5800   | 110  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | 8100   | 110  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | 3400   | 45   | 140  | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | Toluene  | ND     | 0.91 | 2.0  | ug/kg | A-01a |       |
| PNL-14             | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 2800   | 33   | 100  | ug/kg |       |       |
| PNL-14-15-EC       | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 370    | 45   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Toluene  | 710    | 49   | 150  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                        | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|--------------------------------|--------|------|------|-------|-------|-------|
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Toluene                        | 2900   | 33   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Toluene                        | 220    | 33   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Toluene                        | 5600   | 660  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Toluene                        | 2500   | 660  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Toluene                        | 1300   | 33   | 100  | ug/kg |       | M2    |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene                        | 1100   | 66   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene                        | 10000  | 820  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene                        | 4500   | 370  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | 420    | 9.1  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | 590    | 33   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | ND     | 980  | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | ND     | 330  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | ND     | 1.1  | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | 690    | 130  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Toluene                        | 410    | 40   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Toluene                        | 270    | 33   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 9.1  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Toluene                        | ND     | 4.6  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 330  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Toluene                        | 28000  | 1300 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Toluene                        | 110    | 33   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Toluene                        | 5000   | 33   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Toluene                        | 200    | 33   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Toluene                        | 130    | 33   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Toluene                        | 110    | 33   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Toluene                        | 190    | 33   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Toluene                        | 20     | 9.1  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Toluene                        | 62     | 9.1  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | 120    | 33   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | 120    | 33   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 52   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | 100    | 30   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.77 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 0.91 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 2.3  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 41   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Toluene                        | ND     | 43   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Toluene                        | 1200   | 33   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Toluene                        | 2500   | 33   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Toluene                        | 640    | 33   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Toluene                        | ND     | 9.1  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Toluene                        | ND     | 33   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Toluene                        | 250    | 33   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 2800   | 9.0  | 30   | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 3600   | 9.0  | 30   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 19000  | 150  | 500  | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 6.9    | 1.5  | 5.0  | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 3900   | 30   | 100  | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 22000  | 150  | 500  | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 4200   | 30   | 100  | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 4300   | 75   | 250  | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 61000  | 190  | 620  | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 68000  | 300  | 1000 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 7000   | 90   | 300  | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 1200   | 15   | 50   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 1400   | 15   | 50   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 418.1 | Total Recoverable Hydrocarbons | 4700   | 30   | 100  | mg/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte                        | Result | DL    | RL     | Units | LNOTE | ANOTE      |
|--------------------------|-----------|---------------|--------------|----------------|--------------------------------|--------|-------|--------|-------|-------|------------|
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 28000  | 150   | 500    | mg/kg |       |            |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 45000  | 150   | 500    | mg/kg |       |            |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 460    | 1.5   | 5.0    | mg/kg |       |            |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 29000  | 150   | 500    | mg/kg |       |            |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 28000  | 180   | 600    | mg/kg |       |            |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 24000  | 90    | 300    | mg/kg |       |            |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 19000  | 90    | 300    | mg/kg |       |            |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 16000  | 60    | 200    | mg/kg |       |            |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 73000  | 300   | 1000   | mg/kg |       |            |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 1900   | 22    | 75     | mg/kg |       |            |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 22000  | 150   | 500    | mg/kg |       | M-HA       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 250    | 4.5   | 15     | mg/kg |       |            |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 3700   | 4.5   | 15     | mg/kg |       |            |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 760    | 3.0   | 10     | mg/kg |       |            |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 3500   | 4.5   | 15     | mg/kg |       |            |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 550    | 4.5   | 15     | mg/kg |       |            |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 1400   | 4.5   | 15     | mg/kg |       |            |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 130    | 4.5   | 15     | mg/kg |       |            |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 180    | 4.5   | 15     | mg/kg |       |            |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 290    | 4.5   | 15     | mg/kg |       |            |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 210    | 4.5   | 15     | mg/kg |       |            |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 3000   | 4.5   | 15     | mg/kg |       |            |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 2200   | 4.5   | 15     | mg/kg |       |            |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 110000 | 450   | 1500   | mg/kg |       |            |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 120000 | 450   | 1500   | mg/kg |       |            |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 75000  | 450   | 1500   | mg/kg |       |            |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 83000  | 450   | 1500   | mg/kg |       |            |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 150000 | 900   | 3000   | mg/kg |       |            |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 72000  | 450   | 1500   | mg/kg |       |            |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 32000  | 180   | 600    | mg/kg |       |            |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 40000  | 180   | 600    | mg/kg |       |            |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 25000  | 180   | 600    | mg/kg |       |            |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 76000  | 450   | 1500   | mg/kg |       |            |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 15000  | 90    | 300    | mg/kg |       |            |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 47000  | 220   | 750    | mg/kg |       |            |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | ND     | 4.5   | 15     | mg/kg |       |            |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 1600   | 9.0   | 30     | mg/kg |       |            |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 9.8    | 1.5   | 5.0    | mg/kg |       | M1         |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 40     | 4.5   | 15     | mg/kg |       |            |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 2600   | 15    | 50     | mg/kg |       |            |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 280    | 1.5   | 5.0    | mg/kg |       |            |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 27000  | 180   | 600    | mg/kg |       |            |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 21000  | 180   | 600    | mg/kg |       |            |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 11000  | 90    | 300    | mg/kg |       | M-HA       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 35000  | 220   | 750    | mg/kg |       |            |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 16000  | 150   | 500    | mg/kg |       |            |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 41000  | 450   | 1500   | mg/kg |       |            |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 5000   | 30    | 100    | mg/kg |       |            |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 24000  | 150   | 500    | mg/kg |       |            |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 1500   | 15    | 50     | mg/kg |       |            |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 10000  | 150   | 500    | mg/kg |       |            |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 418.1      | Total Recoverable Hydrocarbons | 4000   | 30    | 100    | mg/kg |       |            |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                      | ND     | 25000 | 100000 | ug/kg |       | RL-1       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                      | ND     | 75000 | 300000 | ug/kg |       | RL-1       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Toxaphene                      | ND     | 1600  | 1600   | ug/kg |       | R-05       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Toxaphene                      | ND     | 65    | 200    | ug/kg |       |            |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Toxaphene                      | ND     | 650   | 2000   | ug/kg |       |            |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Toxaphene                      | ND     | 400   | 400    | ug/kg |       | C-06, R-05 |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Toxaphene                      | ND     | 650   | 2000   | ug/kg |       |            |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Toxaphene                      | ND     | 1600  | 1600   | ug/kg |       | R-05       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8081A      | Toxaphene                      | ND     | 400   | 400    | ug/kg |       | C-06, R-05 |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Toxaphene                      | ND     | 810   | 2500   | ug/kg |       |            |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 3545/8081A | Toxaphene                      | ND     | 1600  | 5000   | ug/kg |       |            |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Toxaphene                      | ND     | 1300  | 4000   | ug/kg |       | RL-1       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 3545/8081A | Toxaphene                      | ND     | 650   | 2000   | ug/kg |       | RL-1       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8081A      | Toxaphene                      | ND     | 1600  | 1600   | ug/kg |       | R-05       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Toxaphene                      | ND     | 16000 | 16000  | ug/kg |       | C-06, R-05 |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8081A      | Toxaphene                      | ND     | 800   | 800    | ug/kg |       | C-06, R-05 |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                      | ND     | 12000 | 50000  | ug/kg |       | RL-1       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                      | ND     | 1000  | 4000   | ug/kg |       | RL-1       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID           | PS3 Phase | Lab Report ID | Date Sampled | Method         | Analyte                  | Result | DL   | RL    | Units | LNOTE     | ANOTE |
|---------------------|-----------|---------------|--------------|----------------|--------------------------|--------|------|-------|-------|-----------|-------|
| PNL-F03-14.5        | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 1000 | 4000  | ug/kg | RL-1      |       |
| PNL-F04-11.5 & 14.5 | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 2500 | 10000 | ug/kg | RL-1      |       |
| PNL-F04-17 & 17.5   | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 250  | 1000  | ug/kg | RL-3      |       |
| PNL-F05-14 & 14.5   | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 500  | 2000  | ug/kg | RL-1      |       |
| PNL-F06-12 & 14     | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 500  | 2000  | ug/kg | RL-3      |       |
| PNL-F06-5.5 & 11.5  | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 6200 | 25000 | ug/kg | RL-3      |       |
| PNL-F07-8.5 & 11    | VIII      | INF1737       | 06/25/04     | EPA 3545/8081A | Toxaphene                | ND     | 1000 | 4000  | ug/kg | RL-3      |       |
| PNL-F09-14          | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                | ND     | 75   | 300   | ug/kg |           |       |
| PNL-F17-10          | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-F18-12          | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-F18-9.5         | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 1000 | 4000  | ug/kg | RL-1      |       |
| PNL-F19-10.5        | VIII      | ING0001       | 06/30/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-F21-11.5        | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-F21-9.5         | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 1000 | 4000  | ug/kg | RL-1      |       |
| PNL-F25-19          | VIII      | ING0094       | 07/01/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-F27-8.5         | VIII      | INF1826       | 06/29/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-L1A             | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Toxaphene                | ND     | 620  | 2500  | ug/kg | RL-1      |       |
| PNL-L1B             | IV        | INE1627       | 05/26/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L2A             | IV        | INE1627       | 05/26/04     | EPA 3545/8081A | Toxaphene                | ND     | 620  | 2500  | ug/kg | RL-1      |       |
| PNL-L2B             | IV        | INE1627       | 05/26/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L3A             | IV        | INE1513       | 05/25/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L3B             | IV        | INE1513       | 05/25/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L4A             | IV        | INE1447       | 05/24/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L4B             | IV        | INE1447       | 05/24/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L5A             | IV        | INE1447       | 05/24/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-L5B             | IV        | INE1513       | 05/25/04     | EPA 8081A      | Toxaphene                | ND     | 1000 | 3300  | ug/kg |           | R-01  |
| PNL-PA1             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 2500 | 10000 | ug/kg | C-7, RL-1 |       |
| PNL-PB1             | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 120  | 500   | ug/kg | C-7       |       |
| PNL-PC1             | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-PC1A            | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 75   | 300   | ug/kg | RL-1      |       |
| PNL-PD1             | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-PD1B            | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 75   | 300   | ug/kg |           |       |
| PNL-PE1             | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 120  | 500   | ug/kg |           |       |
| PNL-PG1             | V         | INF0844       | 06/14/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg |           |       |
| PNL-PH1-11          | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 150  | 600   | ug/kg | C-7       |       |
| PNL-PH1-12.5        | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 1500 | 6000  | ug/kg | C-7, RL-1 |       |
| PNL-PH1-7           | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 50   | 200   | ug/kg | C-7       |       |
| PNL-PH1-8.5         | V         | INF0940       | 06/15/04     | EPA 3545/8081A | Toxaphene                | ND     | 150  | 600   | ug/kg | C-7       |       |
| PNL-TP01-Stockpile  | III       | INE0965       | 05/17/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg |           |       |
| PNL-TP02-Stockpile  | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg | RL-1      |       |
| PNL-TP03-Stockpile  | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg | RL-1      |       |
| PNL-TP04-Stockpile  | III       | INE1148       | 05/19/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg | RL-1      |       |
| PNL-TP05-Stockpile  | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg |           |       |
| PNL-TP06-Stockpile  | III       | INE1120       | 05/18/04     | EPA 3545/8081A | Toxaphene                | ND     | 620  | 2500  | ug/kg | RL-1      |       |
| PNL-TP07-Stockpile  | III       | INE1250       | 05/20/04     | EPA 3545/8081A | Toxaphene                | ND     | 310  | 1200  | ug/kg |           |       |
| PIT-F-BOTTOM        | VIII      | ING0001       | 06/30/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 1000 | 2000  | ug/kg |           |       |
| PIT-F-SAMPLE        | VIII      | ING0001       | 06/30/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 500  | 1000  | ug/kg |           |       |
| PNL-01              | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-01-16.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 62   | 120   | ug/kg |           |       |
| PNL-01-18.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 58   | 120   | ug/kg |           |       |
| PNL-01-21.5-EC      | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 61   | 120   | ug/kg |           |       |
| PNL-02              | I         | INC0993       | 03/15/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg | A-01a     |       |
| PNL-03              | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-03-19-EC        | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 160  | 320   | ug/kg |           |       |
| PNL-03-21.5-EC      | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 180  | 370   | ug/kg |           |       |
| PNL-04              | I         | INE0119       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-04-21.5         | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 56   | 110   | ug/kg |           |       |
| PNL-04-24.5         | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 68   | 140   | ug/kg |           |       |
| PNL-05              | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-05-10-EC        | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.58 | 2.8   | ug/kg |           |       |
| PNL-05A-21.5-EC     | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 70   | 140   | ug/kg |           |       |
| PNL-05A-25-EC       | I         | INC1049       | 03/16/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 160  | 330   | ug/kg |           |       |
| PNL-06              | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 2.0  | 10    | ug/kg | RL-2      |       |
| PNL-06-15.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 68   | 140   | ug/kg |           |       |
| PNL-06-21.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 59   | 120   | ug/kg |           |       |
| PNL-06-9.5-EC       | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-07              | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-07-12.5         | I         | INE0031       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 79   | 160   | ug/kg |           |       |
| PNL-08              | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 1000 | 2000  | ug/kg |           |       |
| PNL-08-18.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 50   | 100   | ug/kg |           |       |
| PNL-08-24.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 57   | 110   | ug/kg |           |       |
| PNL-08-9.5-EC       | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 75   | 150   | ug/kg |           |       |
| PNL-09              | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 2.0  | 10    | ug/kg |           |       |
| PNL-09 FILL         | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-09-10-EC        | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.52 | 2.5   | ug/kg |           |       |
| PNL-09-15.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 61   | 120   | ug/kg |           |       |
| PNL-09-18.5-EC      | I         | INE0228       | 05/05/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-10-12-EC        | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-10-18-EC        | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.36 | 1.7   | ug/kg |           |       |
| PNL-10-6-EC         | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-10-9.5-EC       | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.41 | 2.0   | ug/kg |           |       |
| PNL-11              | I         | INE0119       | 05/03/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 500  | 1000  | ug/kg |           |       |
| PNL-11-12.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 250  | 500   | ug/kg |           |       |
| PNL-11-15.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 44   | 89    | ug/kg |           |       |
| PNL-11-22-EC        | I         | INE0119       | 05/04/04     | EPA 8260B      | trans-1,2-Dichloroethene | ND     | 0.53 | 2.6   | ug/kg |           |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 96   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 220  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 170  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 170  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 68   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 69   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 75   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 1000 | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 1000 | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 100  | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 1200 | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 560  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 4.1  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 1500 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 500  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.50 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 200  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 61   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 4.1  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 2.0  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 500  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 2000 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 4.1  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 4.1  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 79   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 45   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.35 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 0.41 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 1.0  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 62   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 65   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 4.1  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | trans-1,2-Dichloroethene  | ND     | 50   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 700  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 350  | 1000 | ug/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 44   | 120  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 41   | 120  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 43   | 120  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 110  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 130  | 370  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 39   | 110  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 48   | 140  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.72 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 49   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 110  | 330  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 2.6  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 47   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 41   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 55   | 160  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 40   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 53   | 150  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 2.6  | 10   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.65 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 42   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.44 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 350  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 180  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 31   | 89   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.66 | 2.6  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 67   | 190  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 150  | 430  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 120  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 48   | 140  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 48   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 52   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 700  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 70   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 880  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 390  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 5.1  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 1000 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 350  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.62 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 140  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 43   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 5.1  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 2.6  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 350  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 1400 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                   | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------------------------|--------|------|------|-------|-------|-------|
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 5.1  | 20   | ug/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 5.1  | 20   | ug/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       | M2    |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC      | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 55   | 160  | ug/kg | RL-2  |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC    | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 32   | 90   | ug/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PC1A           | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC      | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC       | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.43 | 1.7  | ug/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 0.51 | 2.0  | ug/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 1.3  | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC       | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 44   | 120  | ug/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC     | V         | INF0940       | 06/15/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 46   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 5.1  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 8260B | trans-1,3-Dichloropropene | ND     | 35   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene           | ND     | 760  | 2000 | ug/kg |       |       |
| PIT-F-SAMPLE       | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene           | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-01             | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-01-16.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 47   | 120  | ug/kg |       |       |
| PNL-01-18.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 44   | 120  | ug/kg |       |       |
| PNL-01-21.5-EC     | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 46   | 120  | ug/kg |       |       |
| PNL-02             | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg | A-01a |       |
| PNL-03             | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-03-19'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 120  | 320  | ug/kg |       |       |
| PNL-03-21.5'-EC    | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 140  | 370  | ug/kg |       |       |
| PNL-04             | I         | INE0119       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-04-21.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 43   | 110  | ug/kg |       |       |
| PNL-04-24.5        | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 52   | 140  | ug/kg |       |       |
| PNL-05             | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-05-10'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 0.48 | 2.8  | ug/kg |       |       |
| PNL-05A-21.5'-EC   | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 53   | 140  | ug/kg |       |       |
| PNL-05A-25'-EC     | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 120  | 330  | ug/kg |       |       |
| PNL-06             | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 1.7  | 10   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 51   | 140  | ug/kg |       |       |
| PNL-06-21.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 44   | 120  | ug/kg |       |       |
| PNL-06-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-07             | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-07-12.5        | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 60   | 160  | ug/kg |       |       |
| PNL-08             | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-08-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-08-24.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 44   | 110  | ug/kg |       |       |
| PNL-08-9.5'-EC     | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 57   | 150  | ug/kg |       |       |
| PNL-09             | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 1.7  | 10   | ug/kg |       |       |
| PNL-09 FILL        | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-09-10'-EC      | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 0.43 | 2.5  | ug/kg |       |       |
| PNL-09-15.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 46   | 120  | ug/kg |       |       |
| PNL-09-18.5'-EC    | I         | INE0228       | 05/05/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-10-12-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-10-18-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 0.30 | 1.7  | ug/kg |       |       |
| PNL-10-6-EC        | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-10-9.5-EC      | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-11             | I         | INE0119       | 05/03/04     | EPA 8260B | Trichloroethene           | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-11-12.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 190  | 500  | ug/kg |       |       |
| PNL-11-15.5-EC     | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 34   | 89   | ug/kg |       |       |
| PNL-11-22-EC       | I         | INE0119       | 05/04/04     | EPA 8260B | Trichloroethene           | ND     | 0.44 | 2.6  | ug/kg |       |       |
| PNL-12             | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-12-16'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 73   | 190  | ug/kg |       |       |
| PNL-12-18'-EC      | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 160  | 430  | ug/kg |       |       |
| PNL-12-FILL        | I         | INC1049       | 03/16/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg |       |       |
| PNL-13             | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 38   | 100  | ug/kg | A-01a |       |
| PNL-13-12.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 130  | 340  | ug/kg |       |       |
| PNL-13-15.0-EC     | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 130  | 340  | ug/kg |       |       |
| PNL-13-9.5-EC      | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 52   | 140  | ug/kg |       |       |
| PNL-13-FILL        | I         | INC0993       | 03/15/04     | EPA 8260B | Trichloroethene           | ND     | 0.34 | 2.0  | ug/kg | A-01a |       |



**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|------|-------|-------|-------|
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene        | ND     | 52   | 140  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Trichloroethene        | ND     | 57   | 150  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichloroethene        | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichloroethene        | ND     | 760  | 2000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene        | ND     | 76   | 200  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene        | ND     | 950  | 2500 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene        | ND     | 420  | 1100 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 3.4  | 20   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 1100 | 3000 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 0.41 | 2.4  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 150  | 400  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichloroethene        | ND     | 46   | 120  | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 3.4  | 20   | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichloroethene        | ND     | 1.7  | 10   | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 380  | 1000 | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Trichloroethene        | ND     | 1500 | 4000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichloroethene        | ND     | 3.4  | 20   | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichloroethene        | ND     | 3.4  | 20   | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 60   | 160  | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 34   | 90   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.29 | 1.7  | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 0.34 | 2.0  | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 0.85 | 5.0  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 47   | 120  | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Trichloroethene        | ND     | 49   | 130  | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Trichloroethene        | ND     | 3.4  | 20   | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Trichloroethene        | ND     | 38   | 100  | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1200 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 580  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 72   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 67   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 71   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250  | ug/kg |       |       |
| PNL-03-19-EC             | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 180  | 790  | ug/kg |       |       |
| PNL-03-21.5-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 210  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250  | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|-------|-------|-------|-------|
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 65   | 280   | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 79   | 340   | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.76 | 7.0   | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 81   | 350   | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 190  | 820   | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 2.7  | 25    | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 78   | 340   | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 68   | 290   | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 91   | 390   | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 67   | 290   | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 87   | 380   | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 2.7  | 25    | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.69 | 6.3   | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 70   | 300   | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.47 | 4.3   | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 580  | 2500  | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 290  | 1200  | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 52   | 220   | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.70 | 6.4   | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 110  | 480   | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 250  | 1100  | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 200  | 860   | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 200  | 860   | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 79   | 340   | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 80   | 340   | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Trichlorofluoromethane | ND     | 87   | 370   | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1200 | 5000  | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 120  | 500   | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1400 | 6200  | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 650  | 2800  | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 5.4  | 50    | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1700 | 7400  | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 580  | 2500  | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.65 | 6.0   | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 230  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Trichlorofluoromethane | ND     | 71   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 5.4  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Trichlorofluoromethane | ND     | 2.7  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 580  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Trichlorofluoromethane | ND     | 2300 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichlorofluoromethane | ND     | 5.4  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Trichlorofluoromethane | ND     | 5.4  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       | M2    |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250   | ug/kg |       |       |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte                | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|------------------------|--------|------|-----|-------|-------|-------|
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 91   | 390 | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 52   | 230 | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PC1A                 | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.46 | 4.3 | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 0.54 | 5.0 | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 1.4  | 12  | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 72   | 310 | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Trichlorofluoromethane | ND     | 76   | 330 | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Trichlorofluoromethane | ND     | 5.4  | 50  | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Trichlorofluoromethane | ND     | 58   | 250 | ug/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 7.0    | 0.34 | 2.0 | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 1.0    | 0.17 | 1.0 | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Vanadium               | 22     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Vanadium               | 68     | 0.34 | 2.0 | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Vanadium               | 23     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Vanadium               | 20     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Vanadium               | 30     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Vanadium               | 19     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Vanadium               | 34     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Vanadium               | 33     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Vanadium               | 29     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Vanadium               | 30     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Vanadium               | 8.9    | 0.17 | 1.0 | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Vanadium               | 43     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Vanadium               | 31     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Vanadium               | 29     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Vanadium               | 62     | 0.34 | 2.0 | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Vanadium               | 32     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Vanadium               | 24     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Vanadium               | 33     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Vanadium               | 26     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Vanadium               | 25     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Vanadium               | 27     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Vanadium               | 19     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Vanadium               | 25     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 19     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 51     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 35     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 64     | 0.34 | 2.0 | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 13     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 63     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 22     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 60     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Vanadium               | 59     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 5.3    | 0.51 | 3.0 | mg/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 9.3    | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 8.2    | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 26     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Vanadium               | 16     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 13     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 13     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 6010B | Vanadium               | 10     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 6010B | Vanadium               | 19     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Vanadium               | 26     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Vanadium               | 28     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Vanadium               | 22     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 6010B | Vanadium               | 38     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Vanadium               | 32     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Vanadium               | 33     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Vanadium               | 26     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Vanadium               | 36     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 6010B | Vanadium               | 27     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 6010B | Vanadium               | 22     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium               | 51     | 0.34 | 2.0 | mg/kg |       |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium               | 29     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Vanadium               | 30     | 0.17 | 1.0 | mg/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Vanadium               | 49     | 0.34 | 2.0 | mg/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 6010B | Vanadium               | 25     | 0.17 | 1.0 | mg/kg |       |       |

**Table E-1**  
**Soil Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL   | RL   | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|------|------|-------|-------|-------|
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Vanadium       | 52     | 0.34 | 2.0  | mg/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 6010B | Vanadium       | 41     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium       | 32     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium       | 28     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium       | 28     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 6010B | Vanadium       | 36     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 6010B | Vanadium       | 29     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Vanadium       | 24     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Vanadium       | 35     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 6010B | Vanadium       | 27     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Vanadium       | 30     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 6010B | Vanadium       | 33     | 0.17 | 1.0  | mg/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 6010B | Vanadium       | 27     | 0.17 | 1.0  | mg/kg |       |       |
| PIT-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 1300 | 5000 | ug/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 650  | 2500 | ug/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-01-16.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 81   | 310  | ug/kg |       |       |
| PNL-01-18.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 75   | 290  | ug/kg |       |       |
| PNL-01-21.5/EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 79   | 300  | ug/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg | A-01a |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-03-19'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 210  | 790  | ug/kg |       |       |
| PNL-03-21.5'-EC          | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 240  | 920  | ug/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-04-21.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 73   | 280  | ug/kg |       |       |
| PNL-04-24.5              | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 89   | 340  | ug/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-05-10'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 1.3  | 7.0  | ug/kg |       |       |
| PNL-05A-21.5'-EC         | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 91   | 350  | ug/kg |       |       |
| PNL-05A-25'-EC           | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 210  | 820  | ug/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 4.6  | 25   | ug/kg | RL-2  |       |
| PNL-06-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 88   | 340  | ug/kg |       |       |
| PNL-06-21.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 76   | 290  | ug/kg |       |       |
| PNL-06-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-07-12.5              | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 100  | 390  | ug/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 1300 | 5000 | ug/kg |       |       |
| PNL-08-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-08-24.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 75   | 290  | ug/kg |       |       |
| PNL-08-9.5'-EC           | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 98   | 380  | ug/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 4.6  | 25   | ug/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-09-10'-EC            | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 1.2  | 6.3  | ug/kg |       |       |
| PNL-09-15.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 79   | 300  | ug/kg |       |       |
| PNL-09-18.5'-EC          | I         | INE0228       | 05/05/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-10-12-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-10-18-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 0.79 | 4.3  | ug/kg |       |       |
| PNL-10-6-EC              | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-10-9.5-EC            | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 650  | 2500 | ug/kg |       |       |
| PNL-11-12.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 320  | 1200 | ug/kg |       |       |
| PNL-11-15.5-EC           | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 58   | 220  | ug/kg |       |       |
| PNL-11-22-EC             | I         | INE0119       | 05/04/04     | EPA 8260B | Vinyl chloride | ND     | 1.2  | 6.4  | ug/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-12-16'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 120  | 480  | ug/kg |       |       |
| PNL-12-18'-EC            | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 280  | 1100 | ug/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg | A-01a |       |
| PNL-13-12.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 220  | 860  | ug/kg |       |       |
| PNL-13-15.0-EC           | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 220  | 860  | ug/kg |       |       |
| PNL-13-9.5-EC            | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 89   | 340  | ug/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg | A-01a |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-14-15-EC             | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 90   | 340  | ug/kg |       |       |
| PNL-14-18.5-EC           | I         | INE0031       | 05/03/04     | EPA 8260B | Vinyl chloride | ND     | 97   | 370  | ug/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 8260B | Vinyl chloride | ND     | 1300 | 5000 | ug/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Vinyl chloride | ND     | 1300 | 5000 | ug/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 130  | 500  | ug/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 1600 | 6200 | ug/kg |       |       |
| PNL-F01-8.5-EC           | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 720  | 2800 | ug/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 9.1  | 50   | ug/kg |       |       |
| PNL-F03-15-EC            | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg |       |       |
| PNL-F04-11-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-F04-14-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       |       |
| PNL-F04-16.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 1900 | 7400 | ug/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 650  | 2500 | ug/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250  | ug/kg | RL-2  |       |
| PNL-F05-17-EC            | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 1.1  | 6.0  | ug/kg |       |       |
| PNL-F06-10.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0  | ug/kg |       | L     |

**Table E-1**  
Soil Data -- Pilot Study No. 3  
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| Sample ID                | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte        | Result | DL   | RL    | Units | LNOTE | ANOTE |
|--------------------------|-----------|---------------|--------------|-----------|----------------|--------|------|-------|-------|-------|-------|
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 260  | 1000  | ug/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-F07-11.5-EC          | VIII      | INF1737       | 06/28/04     | EPA 8260B | Vinyl chloride | ND     | 79   | 300   | ug/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-F17-10               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-F18-12               | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-F18-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 9.1  | 50    | ug/kg |       |       |
| PNL-F19-10.5             | VIII      | ING0001       | 06/30/04     | EPA 8260B | Vinyl chloride | ND     | 4.6  | 25    | ug/kg |       |       |
| PNL-F21-11.5             | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-F21-9.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 650  | 2500  | ug/kg |       |       |
| PNL-F25-19               | VIII      | ING0094       | 07/01/04     | EPA 8260B | Vinyl chloride | ND     | 2600 | 10000 | ug/kg |       |       |
| PNL-F27-8.5              | VIII      | INF1826       | 06/29/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-L1A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L1B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L2A                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L2B                  | IV        | INE1627       | 05/26/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L3A                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L3B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L4A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-L4B                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Vinyl chloride | ND     | 9.1  | 50    | ug/kg |       |       |
| PNL-L5A                  | IV        | INE1447       | 05/24/04     | EPA 8260B | Vinyl chloride | ND     | 9.1  | 50    | ug/kg |       |       |
| PNL-L5B                  | IV        | INE1513       | 05/25/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PA1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PA1-17-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PA1-19-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PA1-21-EC            | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 100  | 390   | ug/kg | RL-2  |       |
| PNL-PB1                  | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PB1-23.5-EC          | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 59   | 230   | ug/kg |       |       |
| PNL-PC1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PD1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PD1-4-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PD1B                 | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PE1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PE1-12-EC            | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PE1-7-EC             | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.77 | 4.3   | ug/kg |       |       |
| PNL-PG1                  | V         | INF0844       | 06/14/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PH1-11               | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PH1-12.5             | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 0.91 | 5.0   | ug/kg |       |       |
| PNL-PH1-7                | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 2.3  | 12    | ug/kg |       |       |
| PNL-PH1-7-EC             | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 81   | 310   | ug/kg |       |       |
| PNL-PH1-8.5              | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-PH1-8.5-EC           | V         | INF0940       | 06/15/04     | EPA 8260B | Vinyl chloride | ND     | 85   | 330   | ug/kg | RL-2  |       |
| PNL-TP01-Stockpile       | III       | INE0965       | 05/17/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-TP02-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-TP03-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-TP04-Stockpile       | III       | INE1148       | 05/19/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-TP05-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Vinyl chloride | ND     | 9.1  | 50    | ug/kg | RL-4  |       |
| PNL-TP06-Stockpile       | III       | INE1120       | 05/18/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-TP07-Stockpile       | III       | INE1250       | 05/20/04     | EPA 8260B | Vinyl chloride | ND     | 65   | 250   | ug/kg |       |       |
| PNL-F-BOTTOM             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc           | 22     | 0.92 | 10    | mg/kg |       |       |
| PIT-F-SAMPLE             | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc           | ND     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-01                   | I         | INE0031       | 05/03/04     | EPA 6010B | Zinc           | 96     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-02                   | I         | INC0993       | 03/15/04     | EPA 6010B | Zinc           | 66     | 0.92 | 10    | mg/kg |       |       |
| PNL-03                   | I         | INC1049       | 03/16/04     | EPA 6010B | Zinc           | 98     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-04                   | I         | INE0119       | 05/03/04     | EPA 6010B | Zinc           | 75     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-05                   | I         | INC1049       | 03/16/04     | EPA 6010B | Zinc           | 100    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-06                   | I         | INE0228       | 05/05/04     | EPA 6010B | Zinc           | 49     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-07                   | I         | INE0031       | 05/03/04     | EPA 6010B | Zinc           | 220    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-08                   | I         | INE0228       | 05/05/04     | EPA 6010B | Zinc           | 140    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-09                   | I         | INE0228       | 05/05/04     | EPA 6010B | Zinc           | 79     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-09 FILL              | I         | INE0228       | 05/05/04     | EPA 6010B | Zinc           | 55     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-11                   | I         | INE0119       | 05/03/04     | EPA 6010B | Zinc           | 12     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-12                   | I         | INC1049       | 03/16/04     | EPA 6010B | Zinc           | 85     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-12-FILL              | I         | INC1049       | 03/16/04     | EPA 6010B | Zinc           | 71     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-13                   | I         | INC0993       | 03/15/04     | EPA 6010B | Zinc           | 130    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-13-FILL              | I         | INC0993       | 03/15/04     | EPA 6010B | Zinc           | 60     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-14                   | I         | INE0031       | 05/03/04     | EPA 6010B | Zinc           | 200    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA01-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Zinc           | 190    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA03-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Zinc           | 130    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA06-Stockpile       | II        | INE0892       | 05/13/04     | EPA 6010B | Zinc           | 87     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA07-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Zinc           | 100    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA08-Stockpile       | II        | INE0765       | 05/11/04     | EPA 6010B | Zinc           | 290    | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA11-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Zinc           | 25     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-BA13-Stockpile       | II        | INE0764       | 05/12/04     | EPA 6010B | Zinc           | 61     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F01-10.5, 12.5, 13.5 | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc           | 29     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F01-7.5 AND 9        | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc           | 65     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F03-14.5             | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc           | 51     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F04-11.5 & 14.5      | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 80     | 0.92 | 10    | mg/kg |       |       |
| PNL-F04-17 & 17.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 21     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F05-14 & 14.5        | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 79     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F06-12 & 14          | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 33     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F06-5.5 & 11.5       | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 96     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F07-8.5 & 11         | VIII      | INF1737       | 06/25/04     | EPA 6010B | Zinc           | 69     | 0.46 | 5.0   | mg/kg |       |       |
| PNL-F09-14               | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc           | ND     | 1.4  | 15    | mg/kg |       | RL-1  |

**Table E-1**  
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| Sample ID          | PS3 Phase | Lab Report ID | Date Sampled | Method    | Analyte | Result | DL   | RL  | Units | LNOTE | ANOTE |
|--------------------|-----------|---------------|--------------|-----------|---------|--------|------|-----|-------|-------|-------|
| PNL-F17-10         | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 13     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F18-12         | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 12     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F18-9.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 42     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F19-10.5       | VIII      | ING0001       | 06/30/04     | EPA 6010B | Zinc    | 20     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F21-11.5       | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 17     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F21-9.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 19     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F25-19         | VIII      | ING0094       | 07/01/04     | EPA 6010B | Zinc    | 11     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-F27-8.5        | VIII      | INF1826       | 06/29/04     | EPA 6010B | Zinc    | 29     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L1A            | IV        | INE1627       | 05/26/04     | EPA 6010B | Zinc    | 480    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L1B            | IV        | INE1627       | 05/26/04     | EPA 6010B | Zinc    | 480    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L2A            | IV        | INE1627       | 05/26/04     | EPA 6010B | Zinc    | 150    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L2B            | IV        | INE1627       | 05/26/04     | EPA 6010B | Zinc    | 1200   | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L3A            | IV        | INE1513       | 05/25/04     | EPA 6010B | Zinc    | 540    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L3B            | IV        | INE1513       | 05/25/04     | EPA 6010B | Zinc    | 210    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L4A            | IV        | INE1447       | 05/24/04     | EPA 6010B | Zinc    | 120    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L4B            | IV        | INE1447       | 05/24/04     | EPA 6010B | Zinc    | 130    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L5A            | IV        | INE1447       | 05/24/04     | EPA 6010B | Zinc    | 110    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-L5B            | IV        | INE1513       | 05/25/04     | EPA 6010B | Zinc    | 190    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PA1            | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 66     | 0.92 | 10  | mg/kg |       |       |
| PNL-PB1            | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 95     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PC1            | V         | INF0844       | 06/14/04     | EPA 6010B | Zinc    | 34     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PD1            | V         | INF0844       | 06/14/04     | EPA 6010B | Zinc    | 62     | 0.92 | 10  | mg/kg |       |       |
| PNL-PD1B           | V         | INF0844       | 06/14/04     | EPA 6010B | Zinc    | 34     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PE1            | V         | INF0844       | 06/14/04     | EPA 6010B | Zinc    | 74     | 0.92 | 10  | mg/kg |       |       |
| PNL-PG1            | V         | INF0844       | 06/14/04     | EPA 6010B | Zinc    | 56     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PH1-11         | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 110    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PH1-12.5       | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 54     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PH1-7          | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 200    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-PH1-8.5        | V         | INF0940       | 06/15/04     | EPA 6010B | Zinc    | 95     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP01-Stockpile | III       | INE0965       | 05/17/04     | EPA 6010B | Zinc    | 130    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP02-Stockpile | III       | INE1148       | 05/19/04     | EPA 6010B | Zinc    | 50     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP03-Stockpile | III       | INE1250       | 05/20/04     | EPA 6010B | Zinc    | 130    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP04-Stockpile | III       | INE1148       | 05/19/04     | EPA 6010B | Zinc    | 190    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP05-Stockpile | III       | INE1120       | 05/18/04     | EPA 6010B | Zinc    | 91     | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP06-Stockpile | III       | INE1120       | 05/18/04     | EPA 6010B | Zinc    | 140    | 0.46 | 5.0 | mg/kg |       |       |
| PNL-TP07-Stockpile | III       | INE1250       | 05/20/04     | EPA 6010B | Zinc    | 130    | 0.46 | 5.0 | mg/kg |       |       |

DL = Detection Limit  
 RL = Reporting Limit  
 See laboratory reports for explanations of "LNOTE" and "ANOTE" qualifiers.

**Table E-2**  
Waste Extraction Test Data (STLC) -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | Lab Report ID | Date Sampled | Method     | Analyte  | Result | DL     | RL   | Units |
|--------------------------|---------------|--------------|------------|----------|--------|--------|------|-------|
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-STLC | Arsenic  | 0.74   | 0.076  | 0.10 | mg/l  |
| PNL-BA13-Stockpile       | INF1488-09    | 05/12/04     | 6010B-STLC | Arsenic  | 1.6    | 0.076  | 0.10 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-STLC | Arsenic  | 0.11   | 0.076  | 0.10 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-STLC | Arsenic  | 1.2    | 0.076  | 0.10 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-STLC | Arsenic  | ND     | 0.076  | 0.10 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-STLC | Arsenic  | 0.10   | 0.076  | 0.10 | mg/l  |
| PNL-L2B                  | INF1488-13    | 05/26/04     | 6010B-STLC | Arsenic  | 0.55   | 0.076  | 0.10 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-STLC | Arsenic  | 0.85   | 0.076  | 0.10 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-STLC | Arsenic  | 0.94   | 0.076  | 0.10 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-STLC | Arsenic  | 0.90   | 0.076  | 0.10 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-STLC | Arsenic  | 1.5    | 0.076  | 0.10 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-STLC | Arsenic  | 2.5    | 0.076  | 0.10 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-STLC | Arsenic  | 0.86   | 0.076  | 0.10 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-STLC | Arsenic  | 1.1    | 0.076  | 0.10 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-STLC | Arsenic  | 0.40   | 0.076  | 0.10 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-STLC | Arsenic  | 1.1    | 0.076  | 0.10 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-STLC | Arsenic  | 2.6    | 0.076  | 0.10 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-STLC | Arsenic  | 0.99   | 0.076  | 0.10 | mg/l  |
| PNL-TP02-Stockpile/Waste | INF1488-18    | 05/19/04     | 6010B-STLC | Arsenic  | 1.9    | 0.076  | 0.10 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-STLC | Arsenic  | 2.2    | 0.076  | 0.10 | mg/l  |
| PNL-01                   | INF1488-01    | 05/03/04     | 6010B-STLC | Barium   | 16     | 0.057  | 0.20 | mg/l  |
| PNL-07                   | INF1488-03    | 05/03/04     | 6010B-STLC | Barium   | 32     | 0.057  | 0.20 | mg/l  |
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-STLC | Barium   | 15     | 0.057  | 0.20 | mg/l  |
| PNL-14                   | INF1488-02    | 05/03/04     | 6010B-STLC | Barium   | 17     | 0.057  | 0.20 | mg/l  |
| PNL-BA07-Stockpile       | INF1488-07    | 05/11/04     | 6010B-STLC | Barium   | 12     | 0.057  | 0.20 | mg/l  |
| PNL-BA08-Stockpile       | INF1488-08    | 05/11/04     | 6010B-STLC | Barium   | 30     | 0.057  | 0.20 | mg/l  |
| PNL-BA13-Stockpile       | INF1488-09    | 05/12/04     | 6010B-STLC | Barium   | 27     | 0.057  | 0.20 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-STLC | Barium   | 41     | 0.057  | 0.20 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-STLC | Barium   | 4.7    | 0.057  | 0.20 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-STLC | Barium   | 28     | 0.057  | 0.20 | mg/l  |
| PNL-L1B                  | INF1488-11    | 05/26/04     | 6010B-STLC | Barium   | 34     | 0.057  | 0.20 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-STLC | Barium   | 2.9    | 0.057  | 0.20 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-STLC | Barium   | 5.1    | 0.057  | 0.20 | mg/l  |
| PNL-L2B                  | INF1488-13    | 05/26/04     | 6010B-STLC | Barium   | 34     | 0.057  | 0.20 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-STLC | Barium   | 26     | 0.057  | 0.20 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-STLC | Barium   | 41     | 0.057  | 0.20 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-STLC | Barium   | 25     | 0.057  | 0.20 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-STLC | Barium   | 25     | 0.057  | 0.20 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-STLC | Barium   | 20     | 0.057  | 0.20 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-STLC | Barium   | 16     | 0.057  | 0.20 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-STLC | Barium   | 11     | 0.057  | 0.20 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-STLC | Barium   | 17     | 0.057  | 0.20 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-STLC | Barium   | 18     | 0.057  | 0.20 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-STLC | Barium   | 12     | 0.057  | 0.20 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-STLC | Barium   | 7.7    | 0.057  | 0.20 | mg/l  |
| PNL-TP02-Stockpile/Waste | INF1488-18    | 05/19/04     | 6010B-STLC | Barium   | 13     | 0.057  | 0.20 | mg/l  |
| PNL-TP03-Stockpile/Waste | INF1488-19    | 05/20/04     | 6010B-STLC | Barium   | 9.4    | 0.057  | 0.20 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-STLC | Barium   | 16     | 0.057  | 0.20 | mg/l  |
| PNL-14                   | INF1488-02    | 05/03/04     | 6010B-STLC | Cadmium  | 0.15   | 0.0068 | 0.10 | mg/l  |
| PNL-07                   | INF1488-03    | 05/03/04     | 6010B-STLC | Chromium | 1.3    | 0.014  | 0.10 | mg/l  |
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-STLC | Chromium | 2.2    | 0.014  | 0.10 | mg/l  |
| PNL-14                   | INF1488-02    | 05/03/04     | 6010B-STLC | Chromium | 1.5    | 0.014  | 0.10 | mg/l  |
| PNL-BA08-Stockpile       | INF1488-08    | 05/11/04     | 6010B-STLC | Chromium | 4.1    | 0.014  | 0.10 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-STLC | Chromium | 4.8    | 0.014  | 0.10 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-STLC | Chromium | ND     | 0.014  | 0.10 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-STLC | Chromium | 4.3    | 0.014  | 0.10 | mg/l  |
| PNL-L1B                  | INF1488-11    | 05/26/04     | 6010B-STLC | Chromium | 3.2    | 0.014  | 0.10 | mg/l  |

**Table E-2**  
Waste Extraction Test Data (STLC) -- Pilot Study No. 3  
Ascon Landfill Site

| Sample ID                | Lab Report ID | Date Sampled | Method     | Analyte  | Result     | DL    | RL   | Units |
|--------------------------|---------------|--------------|------------|----------|------------|-------|------|-------|
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-STLC | Chromium | ND         | 0.014 | 0.10 | mg/l  |
| PNL-L2A                  | INF1488-12    | 05/26/04     | 6010B-STLC | Chromium | 2.3        | 0.014 | 0.10 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-STLC | Chromium | 0.11       | 0.014 | 0.10 | mg/l  |
| PNL-L2B                  | INF1488-13    | 05/26/04     | 6010B-STLC | Chromium | <b>5.1</b> | 0.014 | 0.10 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-STLC | Chromium | <b>5.4</b> | 0.014 | 0.10 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-STLC | Chromium | 2.0        | 0.014 | 0.10 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-STLC | Chromium | 3.2        | 0.014 | 0.10 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-STLC | Chromium | 3.9        | 0.014 | 0.10 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-STLC | Chromium | <b>5.2</b> | 0.014 | 0.10 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-STLC | Chromium | 1.6        | 0.014 | 0.10 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-STLC | Chromium | <b>6.1</b> | 0.014 | 0.10 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-STLC | Chromium | 0.35       | 0.014 | 0.10 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-STLC | Chromium | 1.4        | 0.014 | 0.10 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-STLC | Chromium | 3.6        | 0.014 | 0.10 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-STLC | Chromium | 1.6        | 0.014 | 0.10 | mg/l  |
| PNL-TP02-Stockpile/Waste | INF1488-18    | 05/19/04     | 6010B-STLC | Chromium | 1.6        | 0.014 | 0.10 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-STLC | Chromium | 1.9        | 0.014 | 0.10 | mg/l  |
| PNL-01                   | INF1488-01    | 05/03/04     | 6010B-STLC | Lead     | <b>13</b>  | 0.043 | 0.10 | mg/l  |
| PNL-07                   | INF1488-03    | 05/03/04     | 6010B-STLC | Lead     | <b>6.8</b> | 0.043 | 0.10 | mg/l  |
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-STLC | Lead     | <b>7.5</b> | 0.043 | 0.10 | mg/l  |
| PNL-14                   | INF1488-02    | 05/03/04     | 6010B-STLC | Lead     | <b>5.5</b> | 0.043 | 0.10 | mg/l  |
| PNL-BA06-Stockpile       | INF1488-06    | 05/13/04     | 6010B-STLC | Lead     | <b>7.2</b> | 0.043 | 0.10 | mg/l  |
| PNL-BA07-Stockpile       | INF1488-07    | 05/11/04     | 6010B-STLC | Lead     | 2.2        | 0.043 | 0.10 | mg/l  |
| PNL-BA08-Stockpile       | INF1488-08    | 05/11/04     | 6010B-STLC | Lead     | <b>30</b>  | 0.043 | 0.10 | mg/l  |
| PNL-BA13-Stockpile       | INF1488-09    | 05/12/04     | 6010B-STLC | Lead     | 2.7        | 0.043 | 0.10 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-STLC | Lead     | <b>7.6</b> | 0.043 | 0.10 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-STLC | Lead     | 0.21       | 0.043 | 0.10 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-STLC | Lead     | <b>17</b>  | 0.043 | 0.10 | mg/l  |
| PNL-L1B                  | INF1488-11    | 05/26/04     | 6010B-STLC | Lead     | <b>11</b>  | 0.043 | 0.10 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-STLC | Lead     | 0.16       | 0.043 | 0.10 | mg/l  |
| PNL-L2A                  | INF1488-12    | 05/26/04     | 6010B-STLC | Lead     | 0.67       | 0.043 | 0.10 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-STLC | Lead     | 0.22       | 0.043 | 0.10 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-STLC | Lead     | 0.75       | 0.043 | 0.10 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-STLC | Lead     | 0.76       | 0.043 | 0.10 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-STLC | Lead     | 0.24       | 0.043 | 0.10 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-STLC | Lead     | 1.1        | 0.043 | 0.10 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-STLC | Lead     | 2.6        | 0.043 | 0.10 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-STLC | Lead     | 0.56       | 0.043 | 0.10 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-STLC | Lead     | 0.19       | 0.043 | 0.10 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-STLC | Lead     | 0.74       | 0.043 | 0.10 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-STLC | Lead     | 2.2        | 0.043 | 0.10 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-STLC | Lead     | ND         | 0.043 | 0.10 | mg/l  |
| PNL-TP01-Stockpile       | INF1488-17    | 05/17/04     | 6010B-STLC | Lead     | 2.9        | 0.043 | 0.10 | mg/l  |
| PNL-TP03-Stockpile/Waste | INF1488-19    | 05/20/04     | 6010B-STLC | Lead     | 3.0        | 0.043 | 0.10 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-STLC | Lead     | <b>6.7</b> | 0.043 | 0.10 | mg/l  |
| PNL-TP06-Stockpile       | INF1488-21    | 05/18/04     | 6010B-STLC | Lead     | 4.6        | 0.043 | 0.10 | mg/l  |

STLC = Soluble Threshold Limit Concentration  
DL = Detection Limit  
RL = Reporting Limit  
STLC exceedences shown in **bold**



**Table E-3**  
**TCLP Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | Lab Report ID | Date Sampled | Method     | Analyte  | Result | DL     | RL   | Units |
|--------------------------|---------------|--------------|------------|----------|--------|--------|------|-------|
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-TCLP | Arsenic  | 0.22   | 0.038  | 0.20 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-TCLP | Arsenic  | 0.37   | 0.038  | 0.20 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-TCLP | Arsenic  | 0.22   | 0.038  | 0.20 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-TCLP | Arsenic  | 0.31   | 0.038  | 0.20 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-TCLP | Arsenic  | ND     | 0.038  | 0.20 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-TCLP | Arsenic  | 0.62   | 0.038  | 0.20 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-TCLP | Arsenic  | 0.20   | 0.038  | 0.20 | mg/l  |
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-TCLP | Barium   | 2.1    | 0.028  | 0.20 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-TCLP | Barium   | 8.6    | 0.028  | 0.20 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-TCLP | Barium   | ND     | 0.028  | 0.20 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-TCLP | Barium   | 4.1    | 0.028  | 0.20 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-TCLP | Barium   | ND     | 0.028  | 0.20 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-TCLP | Barium   | 0.33   | 0.028  | 0.20 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-TCLP | Barium   | 2.0    | 0.028  | 0.20 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-TCLP | Barium   | 3.6    | 0.028  | 0.20 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-TCLP | Barium   | 2.6    | 0.028  | 0.20 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-TCLP | Barium   | 3.0    | 0.028  | 0.20 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-TCLP | Barium   | 2.8    | 0.028  | 0.20 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-TCLP | Barium   | 1.8    | 0.028  | 0.20 | mg/l  |
| PNL-L4A                  | INF1488-15    | 05/24/04     | 6010B-TCLP | Barium   | 3.6    | 0.028  | 0.20 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-TCLP | Barium   | 1.5    | 0.028  | 0.20 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-TCLP | Barium   | 3.9    | 0.028  | 0.20 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-TCLP | Barium   | 1.9    | 0.028  | 0.20 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-TCLP | Barium   | 1.7    | 0.028  | 0.20 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-TCLP | Barium   | 1.4    | 0.028  | 0.20 | mg/l  |
| PNL-TP02-Stockpile/Waste | INF1488-18    | 05/19/04     | 6010B-TCLP | Barium   | 2.1    | 0.028  | 0.20 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-TCLP | Barium   | 1.7    | 0.028  | 0.20 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L2B                  | INF1488-13    | 05/26/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-TCLP | Chromium | 0.12   | 0.0068 | 0.10 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-TP02-Stockpile/Waste | INF1488-18    | 05/19/04     | 6010B-TCLP | Chromium | ND     | 0.0068 | 0.10 | mg/l  |
| PNL-07                   | INF1488-03    | 05/03/04     | 6010B-TCLP | Lead     | ND     | 0.021  | 0.10 | mg/l  |
| PNL-08                   | INF1488-04    | 05/03/04     | 6010B-TCLP | Lead     | ND     | 0.021  | 0.10 | mg/l  |
| PNL-BA01-Stockpile       | INF1488-05    | 05/11/04     | 6010B-TCLP | Lead     | 0.42   | 0.021  | 0.10 | mg/l  |
| PNL-BA08-Stockpile       | INF1488-08    | 05/11/04     | 6010B-TCLP | Lead     | 0.33   | 0.021  | 0.10 | mg/l  |
| PNL-L1A                  | INF1488-10    | 05/26/04     | 6010B-TCLP | Lead     | ND     | 0.021  | 0.10 | mg/l  |
| PNL-L1A-1                | ING1250-01    | 07/22/04     | 6010B-TCLP | Lead     | ND     | 0.021  | 0.10 | mg/l  |
| PNL-L1A-2                | ING1250-02    | 07/22/04     | 6010B-TCLP | Lead     | 0.60   | 0.021  | 0.10 | mg/l  |

**Table E-3**  
**TCLP Data -- Pilot Study No. 3**  
**Ascon Landfill Site**

| Sample ID                | Lab Report ID | Date Sampled | Method     | Analyte | Result | DL    | RL   | Units |
|--------------------------|---------------|--------------|------------|---------|--------|-------|------|-------|
| PNL-L1B                  | INF1488-11    | 05/26/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L1B-1                | ING1250-03    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L2A                  | INF1488-12    | 05/26/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L2A-1                | ING1250-04    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L2B                  | INF1488-13    | 05/26/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L2B-1                | ING1250-05    | 07/22/04     | 6010B-TCLP | Lead    | 0.57   | 0.021 | 0.10 | mg/l  |
| PNL-L3A                  | INF1828-01    | 06/29/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L3A-1                | ING1250-06    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L3B                  | INF1828-02    | 06/29/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L3B-1                | ING1250-07    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L4A                  | ING0239-01    | 07/06/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L4A                  | INF1488-15    | 05/24/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L4A-1                | ING1250-08    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L4B-1                | ING1250-09    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L5A-1                | ING1250-10    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L5B                  | INF1488-16    | 05/25/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-L5B-1                | ING1250-11    | 07/22/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-TP03-Stockpile/Waste | INF1488-19    | 05/20/04     | 6010B-TCLP | Lead    | ND     | 0.021 | 0.10 | mg/l  |
| PNL-TP04-Stockpile/Waste | INF1488-20    | 05/19/04     | 6010B-TCLP | Lead    | 2.5    | 0.021 | 0.10 | mg/l  |

TCLP = Toxicity Characteristic Leachate Procedure  
DL = Detection Limit  
RL = Reporting Limit

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                                      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--|--------|-------|------------|
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | (1,1-DIMETHYLBUTYL)BENZENE                   | 3.3    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | (1,1-DIMETHYLPROPYL)BENZENE                  | 8.3    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | (1-METHYLBUTYL)BENZENE                       | 6.1    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | (1-METHYLETHENYL)BENZENE                     | 0.39   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | (1-METHYLETHENYL)BENZENE                     | 22     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | (1-METHYLETHENYL)BENZENE                     | 180    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | (1-METHYLPROPYL)BENZENE                      | 41     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | (1-PROPENYL)CYCLOHEXANE                      | 12     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | (1-PROPENYL)CYCLOHEXANE                      | 40     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | (2-METHYLPROPYL)BENZENE                      | 5.3    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1-(1-METHYLETHENYL)-2-(1-METHYLETHYL)BENZENE | 7.7    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1-(1-METHYLETHENYL)-4-PROPYLBENZENE          | 3.4    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1,1'-(1,2-ETHENEDIYL)BISBENZENE              | 2800   | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'       | 19    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'        | 7     | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5'    | 11.5  | VOC  | 8260B       | 1,1,1,2-TETRACHLOROETHANE                    |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC  |             | 1,1,1-TRICHLOROETHANE                        | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE-1      | 18.3  | VOC  |             | 1,1,1-TRICHLOROETHANE                        | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE                        |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE | 2.1    | mg/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE | 0.9    | mg/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE | 240    | mg/kg |            |
| OWR     | OWR4             | OWR-4             | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE | 20     | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE | 13     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------------|--------|-------|------------|
| OWR     | OWR7             | OWR-7           | 4.5   | VOC  |             | 1,1,1-TRICHLOROETHANE     | 0.2    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 1,1,1-TRICHLOROETHANE     |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | 1,1,1-TRICHLOROETHANE     | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P4-12'      | 12    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | 1,1,2,2-TETRACHLOROETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test | Test Method | Analyte                               | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|------|-------------|---------------------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-12      | AS-262           | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268           | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE         | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271           | 4     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242           | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238           | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256           | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244           | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259           | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275           | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102           | 14    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102           | 14    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105           | 30    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105           | 30    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | VOC  |             | 1,1,2,2-TETRACHLOROETHANE             | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135      | 0     | VOC  |             | 1,1,2,3-TETRACHLOROETHANE             | ND     | ug/kg |            |
| OWR     | OWR3             | OWR-3            | 4.5   | VOC  |             | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4.6    | mg/kg |            |
| OWR     | OWR4             | OWR-4            | 4.5   | VOC  |             | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 7.9    | mg/kg |            |
| OWR     | OWR7             | OWR-7            | 4.5   | VOC  |             | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 8.6    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'     | 8     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE                 |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE                 | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | 1,1,2-TRICHLOROETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | 1,1,2-TRICHLOROETHANE     | ND     | ug/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1,1,4-6-TETRAMETHYLINDANE | 2      | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1,1'-BIPHENYL             | 1200   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1,1'-BIPHENYL             | 29     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROETHANE        |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC  |             | 1,1-DICHLOROETHANE        | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg | TM         |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | 1,1-DICHLOROETHANE | 0.7    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | 1,1-DICHLOROETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | 1,1-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg | TM         |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg | TM         |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg | J          |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID      | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|----------------|-------|------|-------------|--------------------|--------|-------|------------|
| RADIAN  | MW-4             | B-4 (MW-4)     | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74          | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80          | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| OWR     | OWR3             | OWR-3          | 4.5   | VOC  |             | 1,1-DICHLOROETHENE | 8.9    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'   | 13    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5' | 23.5  | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'   | 15    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7     | 7     | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5 | 11.5  | VOC  | 8260B       | 1,1-DICHLOROETHENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285         | 7     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285         | 7     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289         | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289         | 10    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262         | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262         | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE       | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE       | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271         | 4     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271         | 4     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-2A      | AS-238         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147         | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147         | 0     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250         | 3     | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253         | 15    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265         | 20    | VOC  |             | 1,1-DICHLOROETHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                                       | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|---|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | 1,1-DICHLOROETHENE                            | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | 1,1-DICHLOROPROPENE                           |        | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 1,1-DIMETHYLCYCLOBENTANE                      | 0      | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | 1,2,3,4-TETRAHYDRO-1,1,6-TRIMETHYLNAPHTHALENE | 0.13   | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1,2,3,4-TETRAHYDRONAPHTHALENE                 | 12     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1,2,3,5-TETRAMETHYLBENZENE                    | 4.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1,2,3,5-TETRAMETHYLBENZENE                    | 7.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | 1,2,3,5-TETRAMETHYLBENZENE                    | 70     | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE                         |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | SVOC | 8260B       | 1,2,3-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | SVOC | 8260B       | 1,2,3-TRICHLOROPROPANE      |        | ug/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | 1,2,4,5,-TETRAMETHYLBENZENE | 13     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | 1,2,4-TRICHLOROENZENE       | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | 1,2,4-TRICHLOROENZENE       | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8260B       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | 1,2,4-TRICHLOROENZENE       |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------------|--------|-------|------------|
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'   | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'   | 4     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------------|--------|-------|------------|
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | SVOC | 8260B       | 1,2,4-TRICHLORO BENZENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 1,2,4-TRICHLORO BENZENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 29     | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 8500   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 7800   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 12     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 3600   | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 7.5    | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 8500   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 9300   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  | 53     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE  |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 180    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 4700   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 8600   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 3700   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 8900   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 29000  | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 1200   | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 8000   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 17000  | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 7600   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      | 390    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | SVOC | 8260B       | 1,2,4-TRIMETHYLBENZENE      |        | ug/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | SVOC |             | 1,2,4-TRIMETHYLBENZENE      | 64     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | 1,2,4-TRIMETHYLBENZENE      | 0.2    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC |             | 1,2,4-TRIMETHYLBENZENE      | 80     | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | 1,2-DIBROMO-3-CHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB)     |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------------|--------|-------|------------|
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 1,2-DIBROMOETHANE (EDB) |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 1,2-DICHLOROENZENE      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 1,2-DICHLOROENZENE      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8260B       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 1,2-DICHLOROENZENE      |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 1,2-DICHLOROENZENE      | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 1,2-DICHLOROENZENE      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 1,2-DICHLOROENZENE      | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,2-DICHLOROBENZENE | 150    | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID      | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|----------------|-------|------|-------------|---------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-315         | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316         | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320         | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321         | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)     | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74          | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74          | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80          | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80          | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | SVOC | 8260B       | 1,2-DICHLOROBENZENE | 150    | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P2-13'   | 13    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'   | 13    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5' | 21.5  | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5' | 23.5  | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5' | 14.5  | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'   | 15    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7     | 7     | SVOC | 8260B       | 1,2-DICHLOROBENZENE | 540    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8     | 8     | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'  | 11    | SVOC | 8270C       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5 | 11.5  | SVOC | 8260B       | 1,2-DICHLOROBENZENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282         | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286         | 7     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290         | 10    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294         | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268         | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271         | 4     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE       | 4     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235         | 21    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238         | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244         | 3     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259         | 15    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275         | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | SVOC |             | 1,2-DICHLOROBENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|------|-------------|--------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138           | 0     | SVOC |             | 1,2-DICHLOROENZENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'     | 8     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120     | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82      | 7     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204     | 17    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120     | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180     | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60      | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | TM         |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | C          |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 55     | mg/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 6.2    | mg/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 9      | mg/kg |            |
| OWR     | OWR4             | OWR-4             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 6.1    | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 6.2    | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | 1,2-DICHLOROETHANE | 10     | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | 1,2-DICHLOROETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | 1,2-DICHLOROETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID     | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|---------------|-------|------|-------------|----------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-120        | 21    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120        | 21    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122        | 30    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122        | 30    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-7       | AS-147        | 0     | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250        | 3     | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253        | 15    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265        | 20    | VOC  |             | 1,2-DICHLOROETHANE         | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126   | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129   | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132   | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135   | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138   | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90         | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93         | 10    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96         | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178        | 2     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180        | 25    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182        | 16    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184        | 16    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310        | 7     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg | BC         |
| RADIAN  | MW-15            | AS-315        | 7     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320        | 10    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169        | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171        | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173        | 25    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)    | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74         | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77         | 10    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80         | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83         | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87         | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| OWR     | OWR4             | OWR-4         | 4.5   | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | 1.2    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285        | 7     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289        | 10    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-262        | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE      | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271        | 4     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242        | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238        | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256        | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-244        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259        | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275        | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102        | 14    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102        | 14    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105        | 30    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105        | 30    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99         | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99         | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114        | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114        | 5     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117        | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117        | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120        | 21    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120        | 21    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122        | 30    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122        | 30    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147        | 0     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250        | 3     | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253        | 15    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265        | 20    | VOC  |             | 1,2-DICHLOROETHENE (TOTAL) | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4' | 4     | VOC  |             | 1,2-DICHLOROPROPANE        | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1  | 18.3  | VOC  |             | 1,2-DICHLOROPROPANE        | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'  | 8     | VOC  | 8260B       | 1,2-DICHLOROPROPANE        |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12' | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE        |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16' | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE        |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16' | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE        |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12' | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE        |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | 1,2-DICHLOROPROPANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 1,2-DICHLOROPROPANE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                          | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-310          | 7     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315          | 7     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320          | 10    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg | C          |
| RADIAN  | MW-4             | AS-173          | 25    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)      | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74           | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77           | 10    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80           | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83           | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87           | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 1,2-DICHLOROPROPANE              |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | 1,2-DICHLOROPROPANE              | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                          | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------------------|--------|-------|------------|
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 2600   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 2100   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 13     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 1200   | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 3300   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 10     | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 17     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 2400   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 2600   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 1200   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 3200   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 9600   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 550    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 2300   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 5000   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           | 1100   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 1,3,5-TRIMETHYLBENZENE           |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 1,3-DICHLOROENZENE               | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE-1   | 18.3  | SVOC |             | 1,3-DICHLOROENZENE               | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 1,3-DICHLOROENZENE               |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8260B       | 1,3-DICHLOROENZENE               |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-305            | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321            | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg | BC         |
| RADIAN  | MW-4             | AS-173            | 25    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-80             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | P-08             | Ascon-P8-7      | 7     | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | SVOC | 8260B       | 1,3-DICHLOROBENZENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138          | 0     | SVOC |             | 1,3-DICHLOROBENZENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 1,3-DICHLOROPROPANE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8260B       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 1,4-DICHLOROENZENE  |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 1,4-DICHLOROENZENE  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID      | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|----------------|-------|------|-------------|---------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-320         | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321         | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)     | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-74          | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74          | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80          | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg | BJ         |
| RADIAN  | MW-9             | AS-80          | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'   | 13    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'   | 13    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5' | 21.5  | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5' | 23.5  | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5' | 14.5  | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'   | 15    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7     | 7     | SVOC | 8260B       | 1,4-DICHLOROBENZENE | 230    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8     | 8     | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'  | 11    | SVOC | 8270C       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5 | 11.5  | SVOC | 8260B       | 1,4-DICHLOROBENZENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282         | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286         | 7     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290         | 10    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294         | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268         | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271         | 4     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE       | 4     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235         | 21    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238         | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244         | 3     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259         | 15    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275         | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | SVOC |             | 1,4-DICHLOROBENZENE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|----------------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138             | 0     | SVOC |             | 1,4-DICHLOROBENZENE              | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1,4-DIETHYLBENZENE               | 2.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | 1,4-DIETHYLBENZENE               | 490    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1,4-DIMETHYLCYCLOOCTANE          | 14     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1-ETHENYL-2-METHYLBENZENE        | 770    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1-ETHENYL-3-ETHYLBENZENE         | 21     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | 1-ETHENYL-4-ETHYLBENZENE         | 31     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | 1-ETHYL-3,4-DIMETHYLBENZENE      | 7.3    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | 1-ETHYL-3,5-DIMETHYLBENZENE      | 10     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | 1-ETHYL-3,5-DIMETHYLBENZENE      | 25     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | 1-ETHYL-3,5-DIMETHYLBENZENE      | 0.11   | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | 1-ETHYL-3-METHYLBENZENE          | 0.09   | mg/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 1-ETHYL-3-METHYLCYCLOPENTANE     | 1.6    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1-ETHYL-4-(1-METHYLETHYL)BENZENE | 2.7    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1-METHYLETHENYLBENZENE           | 1200   | mg/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 1-METHYLETHYLBENZENE             | 0.65   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 1-METHYLETHYLCYCLOPENTANE        | 4.2    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | 1-METHYLNAPHTHALENE              | 5.0    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | 1-METHYLNAPHTHALENE              | 65     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1-METHYLNAPHTHALENE              | 18     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 1-METHYLPROPYLBENZENE            | 370    | mg/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 1-PHENYL-1-HEXANONE              | 0      | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 1-PROPENYLBENZENE                | 4.4    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | 1-PROPENYLBENZENE                | 100    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'       | 19    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'        | 7     | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5'    | 11.5  | VOC  | 8260B       | 2,2-DICHLOROPROPANE              |        | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 2,3-DIMETHYLBUTANONE             | 0.22   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | 2,4,5-TRICHLOROPHENOL            | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------------------|--------|-------|------------|
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4,5-TRICHLOROPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2,4,5-TRICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------------------|--------|-------|------------|
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 2,4,6-TRIBROMOPHENOL  |        | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663        | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | 0.16   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon-P4-12'      | 12    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4,6-TRICHLOROPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2,4,6-TRICHLOROPHENOL | ND     | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663          | 0     | SVOC |             | 2,4-DICHLOROPHENOL    | 0.59   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 2,4-DICHLOROPHENOL    | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 2,4-DICHLOROPHENOL    | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 2,4-DICHLOROPHENOL    |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4-DICHLOROPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | 2,4-DICHLOROPHENOL | ND     | ug/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | 2,4-DIMETHYLHEXANE | 0.03   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2,4-DIMETHYLPHENOL | 39000  | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4-DIMETHYLPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2,4-DIMETHYLPHENOL | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------|--------|-------|------------|
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 2,4-DINITROPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | SVOC |             | 2,4-DINITROPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4-DINITROPHENOL  |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TN         |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2,4-DINITROPHENOL  | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,4-DINITROTOLUENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|--------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 2,4-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2,6-DINITROTOLUENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2,6-DINITROTOLUENE | ND     | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663          | 0     | VOC  |             | 2-BUTANONE         | 0.11   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 2-BUTANONE         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 2-BUTANONE         | 25     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 2-BUTANONE         | 13     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------------------|--------|-------|------------|
| II      | II-41            | SOIL, 41-180       | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC  |             | 2-BUTANONE               | 8.5    | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC  |             | 2-BUTANONE               | 24     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC  |             | 2-BUTANONE               | 5.8    | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC  |             | 2-BUTANONE               | 13     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC  |             | 2-BUTANONE               | 20     | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC  |             | 2-BUTANONE               | 9.3    | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC  |             | 2-BUTANONE               | 11     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC  |             | 2-BUTANONE               | 34     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC  |             | 2-BUTANONE               | 8      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC  |             | 2-BUTANONE               | 12     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC  |             | 2-BUTANONE               | 3800   | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | 2-BUTANONE               | 7      | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | 2-BUTANONE               | 8      | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | 2-BUTANONE               | 4      | ug/kg | C          |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | 2-BUTANONE               | 5200   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC  |             | 2-BUTANONE               | 4300   | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC  |             | 2-BUTANONE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC  |             | 2-BUTANONE               | 44     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | 2-BUTANONE               | 11     | ug/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | VOC  |             | 2-BUTANONE               | 4.5    | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | VOC  |             | 2-BUTANONE               | 8.6    | ug/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | SVOC |             | 2-BUTOXYETHANOL          | 13     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                  | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------------|--------|-------|------------|
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | 2-CHLOROETHYLVINYL ETHER | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 2-CHLORONAPHTHALENE      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 2-CHLORONAPHTHALENE      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'     | 11    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE      |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 2-CHLORONAPHTHALENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 2-CHLORONAPHTHALENE | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 2-CHLOROPHENOL      |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 2-CHLOROPHENOL      | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2-CHLOROPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2-CHLOROPHENOL | ND     | ug/kg | TM         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | 2-CHLOROPHENOL              | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | 2-CHLOROPHENOL              | ND     | ug/kg | TM         |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | 2-CHLOROTOLUENE             |        | ug/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | 2-CYCLOHEXYLDECANE          | 3.9    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | 2-CYCLOHEXYLDECANE          | 5.8    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | 2-CYCLOHEXYLDECANE          | 2.8    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | 2-CYCLOHEXYLDECANE          | 8.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 2-CYCLOHEXYLDECANE          | 3.3    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 2-ETHYL-1,1'-BIPHENYL       | 580    | mg/kg |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | VOC  |             | 2-ETHYL-4-METHYL-1-PENTANOL | 0      | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | 2-ETHYLHEXANOL              | 3.2    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18      | 18    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL            |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|------------------|--------|-------|------------|
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 2-FLUOROBIPHENYL |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 2-FLUOROPHENOL   |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | VOC  |             | 2-HEXANONE       | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|------------------------------|--------|-------|------------|
| II      | II-64            | SOIL, 64-204       | 17    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC  |             | 2-HEXANONE                   | 3.4    | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | 2-HEXANONE                   | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 2-METHYL-1,1'-BIPHENYL       | 490    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | 2-METHYLDECAHYDRONAPHTHALENE | 14     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | 2-METHYLDECAHYDRONAPHTHALENE | 16     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | 2-METHYLNAPHTHALENE          | 75000  | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE-1      | 18.3  | SVOC |             | 2-METHYLNAPHTHALENE          | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | 2-METHYLNAPHTHALENE          | 6800   | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | 2-METHYLNAPHTHALENE          | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | 2-METHYLNAPHTHALENE          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | 2-METHYLNAPHTHALENE          | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | 2-METHYLNAPHTHALENE          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | 27000  | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | 41000  | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | 12000  | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | 14000  | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 10000  | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2-METHYLNAPHTHALENE | 300    | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 19000  | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 27000  | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 10000  | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2-METHYLNAPHTHALENE | 52000  | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 26000  | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-METHYLNAPHTHALENE | 6700   | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | 1300   | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 47000  | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-METHYLNAPHTHALENE | 520    | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | 890    | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 22000  | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-METHYLNAPHTHALENE | 190    | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 4400   | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-METHYLNAPHTHALENE | 2500   | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 3300   | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-METHYLNAPHTHALENE | 3700   | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 10000  | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-METHYLNAPHTHALENE | 21000  | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 16000  | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 25000  | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 8100   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 15000  | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 23000  | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 46000  | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2-METHYLNAPHTHALENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 24000  | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 24000  | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2-METHYLNAPHTHALENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2-METHYLNAPHTHALENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2-METHYLNAPHTHALENE | 1200   | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2-METHYLNAPHTHALENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2-METHYLNAPHTHALENE | 17000  | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2-METHYLNAPHTHALENE | 17000  | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2-METHYLNAPHTHALENE | 3700   | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2-METHYLNAPHTHALENE | 2300   | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|---------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | 2-METHYLNAPHTHALENE | 12000  | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | 2-METHYLNAPHTHALENE | 980    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | 2-METHYLNAPHTHALENE | 9300   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | 2-METHYLNAPHTHALENE | ND     | ug/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 3.8    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 7.0    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 100    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 15     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 5.4    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | 2-METHYLNAPHTHALENE | 24     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | 2-METHYLPHENOL      |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-45            | SOIL, 46-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | SVOC |             | 2-METHYLPHENOL      | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2-METHYLPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2-METHYLPHENOL | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 2-NITROANILINE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | 2-NITROANILINE | ND     | ug/kg | ID         |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | 2-NITROANILINE | ND     | ug/kg | ID         |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 2-NITROANILINE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 2-NITROPHENOL  |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 2-NITROPHENOL  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------|--------|-------|------------|
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 2-NITROPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 2-NITROPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 2-NITROPHENOL          | ND     | ug/kg |            |
| DOHS    | DOHS-663         | DOHS-663          | 0     | VOC  |             | 2-PROPANONE            | 0.21   | mg/kg |            |
| DOHS    | DOHS-663         | DOHS-663          | 0     | VOC  |             | 2-PROPYL-1-HEPTANOL    | 0      | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | 2-PROPYL-1-HEPTANOL    | 19     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 3,3'-DICHLOROBENZIDINE | 82     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 3,3'-DICHLOROBENZIDINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 3,3'-DICHLOROBENZIDINE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 3-NITROANILINE         | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 3-NITROANILINE         | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 3-NITROANILINE         |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 3-NITROANILINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 3-NITROANILINE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte                           | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-----------------------------------|--------|-------|------------|
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC      | 8270C       | 3-NITROANILINE                    |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC      |             | 3-NITROANILINE                    | ND     | ug/kg |            |
| OWR     | OWR7             | OWR-7           | 4.5   | VOC       |             | 4-(2-BUTENYL)-1,2-DIMETHYLBENZENE | 1.8    | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg | TM         |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | 4,4'-DDD                          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|----------|--------|-------|------------|
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | 4,4'-DDD | 11     | ug/kg | J          |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | 4,4'-DDD | ND     | ug/kg | TM         |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | 4,4'-DDE | 8.3    | ug/kg | J          |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | 4,4'-DDE | 17     | ug/kg | J          |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|----------|--------|-------|------------|
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | 4,4'-DDE | 5.9    | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | 4,4'-DDE | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | 4,4'-DDT | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|----------------------------|--------|-------|------------|
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | 4,4'-DDT                   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC      | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC      |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------------|--------|-------|------------|
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4,6-DINITRO-2-METHYLPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 4,6-DINITRO-2-METHYLPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------------|--------|-------|------------|
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | 4-BROMOFLUOROBENZENE       |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 1.3   | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-BROMOPHENYL PHENYL ETHER |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 4-BROMOPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 4-CHLORO-3-METHYLPHENOL    | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 4-CHLORO-3-METHYLPHENOL    | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL    |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------------|--------|-------|------------|
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------------|--------|-------|------------|
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-01             | Ascon-P2-13'    | 13    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | 4-CHLORO-3-METHYLPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 4-CHLORO-3-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | 4-CHLOROANILINE         |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 4-CHLOROANILINE         | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------|--------|-------|------------|
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 46-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-CHLOROANILINE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4-CHLOROANILINE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 4-CHLOROANILINE             | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-24            | Ascon-GP24-18'  | 18    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-CHLOROPHENYL PHENYL ETHER |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 4-CHLOROPHENYL PHENYL ETHER | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | 4-CHLOROTOLUENE             |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | 4-CHLOROTOLUENE      |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | 4-METHYL-2-PENTANONE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-08            | Ascon-GP8-8'    | 8     | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 4-METHYLPHENOL       |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | 4-METHYLPHENOL       | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-METHYLPHENOL |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 4-METHYLPHENOL | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-NITROANILINE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | 4-NITROANILINE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | 4-NITROPHENOL  |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | 4-NITROPHENOL  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------------------|--------|-------|------------|
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | 4-NITROPHENOL                         |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | 4-NITROPHENOL                         | ND     | ug/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | 6-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE | 4.1    | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | 6-METHYL-1,1-HEPTANOL | 10     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 10     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 12     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 9.2    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 18     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 21     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | 6-METHYLHEPTANOL      | 30     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | ACENAPHTHENE          |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204       | 17    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | SVOC |             | ACENAPHTHENE          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | ACENAPHTHENE   |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | ACENAPHTHENE   | 2300   | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | ACENAPHTHENE   | 2300   | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | ACENAPHTHENE   | 500    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | ACENAPHTHENE   | 110    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | ACENAPHTHENE   | 640    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | ACENAPHTHENE   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | ACENAPHTHYLENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | ACENAPHTHYLENE | ND     | ug/kg |            |
| E&E     | AW-1             | E&E, AW-1         |       | VOC  |             | ACETONE        | 59     | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3         |       | VOC  |             | ACETONE        | 26     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | ACETONE        | 100    | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | ACETONE        | 72     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | ACETONE        | 36     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | ACETONE        | 79     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | ACETONE        | 50     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | ACETONE        | 52     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | ACETONE        | 66     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | ACETONE        | 38     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | ACETONE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | ACETONE        | 28     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | ACETONE        | 20     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | ACETONE        | 59     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | ACETONE        | 76     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|---------|--------|-------|------------|
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC       |             | ACETONE | 120    | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC       |             | ACETONE | 6      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC       |             | ACETONE | 39     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC       |             | ACETONE | 57     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC       |             | ACETONE | 10     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC       |             | ACETONE | 23     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC       |             | ACETONE | 740    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC       |             | ACETONE | 19     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC       |             | ACETONE | 50     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC       |             | ACETONE | 29     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC       |             | ACETONE | 10     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC       |             | ACETONE | 950    | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC       |             | ACETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC       |             | ACETONE | 160    | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC       |             | ACETONE | 22     | ug/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11           |       | VOC       |             | ACETONE | 14     | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18           |       | VOC       |             | ACETONE | 33     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ALDRIN  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte   | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-----------|--------|-------|------------|
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ALDRIN    | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ALPHA-BHC | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-----------------|--------|-------|------------|
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ALPHA-BHC       | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ALPHA-CHLORDANE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC      |             | ANILINE         | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC      |             | ANILINE         | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC      | 8270C       | ANILINE         |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC      |             | ANILINE         | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC      |             | ANILINE         | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC      |             | ANILINE         | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------|--------|-------|------------|
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | ANILINE    | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | ANILINE    |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------|--------|-------|------------|
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | ANTHRACENE | 54     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 46-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | ANTHRACENE | 1700   | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | ANTHRACENE | 1300   | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | ANTHRACENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | ANTHRACENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------|--------|-------|------------|
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC  | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC  | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8         | 8     | SVOC  | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC  | 8270C       | ANTHRACENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC  | 8270C       | ANTHRACENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC  |             | ANTHRACENE | 220    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC  |             | ANTHRACENE | ND     | ug/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | SVOC  |             | ANTHRACENE | 3.2    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC  |             | ANTHRACENE | 1.8    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC  |             | ANTHRACENE | 180    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC  |             | ANTHRACENE | 2.4    | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT6-5.5           | 5.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | ANTIMONY   | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | ANTIMONY   | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | ANTIMONY | 2.7    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | ANTIMONY | 4.9    | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | ANTIMONY | 8.1    | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | ANTIMONY | 5.8    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | ANTIMONY | 5      | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | ANTIMONY | 3.4    | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | ANTIMONY | 7      | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | ANTIMONY | 7.5    | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | ANTIMONY | 7.5    | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | ANTIMONY | 5      | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | ANTIMONY | 5.4    | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | ANTIMONY | 3.7    | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | ANTIMONY | 5.4    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | ANTIMONY | 3.6    | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | ANTIMONY | 6.5    | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | ANTIMONY | 5      | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | ANTIMONY | 5.2    | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | ANTIMONY | 6.4    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | ANTIMONY | 4      | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | ANTIMONY | 3.6    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | ANTIMONY | 4.1    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | ANTIMONY | 3.9    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | ANTIMONY | 3.6    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | ANTIMONY | 4.4    | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | ANTIMONY | 3.4    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | ANTIMONY | 6.6    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | ANTIMONY | 4.8    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | ANTIMONY | 8.7    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | ANTIMONY | 5.7    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | ANTIMONY | 5      | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | ANTIMONY | 3.4    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | ANTIMONY | 4.2    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | ANTIMONY | 5.2    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | ANTIMONY | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | ANTIMONY | 4.8    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | ANTIMONY | 5.6    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | ANTIMONY | 5.2    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | ANTIMONY | 2.8    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | ANTIMONY | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | ANTIMONY | 3.9    | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | ANTIMONY | 5.2    | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | ANTIMONY | 5.9    | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | ANTIMONY | 3.3    | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | ANTIMONY | 3.1    | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | ANTIMONY | 3.2    | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | ANTIMONY | 5.2    | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | ANTIMONY | 0.4    | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | ANTIMONY | 0.2    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | ANTIMONY | 0.2    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | ANTIMONY | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ANTIMONY | 8.5    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ANTIMONY | 0.1    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ANTIMONY | 8      | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ANTIMONY | 0.08   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ANTIMONY | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ANTIMONY | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | ANTIMONY | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ANTIMONY | 0.66   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ANTIMONY | 0.29   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ANTIMONY | 0.1    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ANTIMONY | ND     | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | ARSENIC  | 3.1    | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | ARSENIC  | 2      | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | ARSENIC  | 2.6    | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | ARSENIC  | 4.3    | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | ARSENIC  | 4.1    | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | ARSENIC  | 4.9    | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | ARSENIC  | 1.9    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | ARSENIC  | 5      | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | METAL |             | ARSENIC  | 1.2    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | ARSENIC  | 44     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | ARSENIC  | ND     | mg/kg | BJ         |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | ARSENIC  | 16     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | ARSENIC  | 67     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | ARSENIC  | 100    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | ARSENIC  | 21     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | ARSENIC  | 100    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | ARSENIC  | 22     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | ARSENIC  | 20     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | ARSENIC  | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | ARSENIC  | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| II      | II-45            | 45-240             | 20    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | ARSENIC | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | ARSENIC | 3.4    | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | ARSENIC | 15     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | ARSENIC | 38     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | ARSENIC | 49     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | ARSENIC | 52     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | ARSENIC | 42     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | ARSENIC | 13     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | ARSENIC | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | ARSENIC | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | ARSENIC | 20     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | ARSENIC | 24     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | ARSENIC | 50     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | ARSENIC | 14     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | ARSENIC | 7.9    | mg/kg | J          |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | ARSENIC | 4.4    | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | ARSENIC | 7.3    | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | ARSENIC | 5.4    | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | ARSENIC | 8.2    | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | ARSENIC | 11     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | ARSENIC | 18     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | ARSENIC | 27     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | ARSENIC | 29     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | ARSENIC | 5.7    | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | ARSENIC | 7.3    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | ARSENIC | 4.7    | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | ARSENIC | 6.1    | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | ARSENIC | 13     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | ARSENIC | 20     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | ARSENIC | 5.2    | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | ARSENIC | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | ARSENIC | ND     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | ARSENIC | 16     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | ARSENIC | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | ARSENIC | 2.5    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | ARSENIC | 1.4    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | ARSENIC | 20     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | ARSENIC | 26     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | ARSENIC | 8.8    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | ARSENIC | 8.1    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | ARSENIC | 8.3    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | ARSENIC    | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | ARSENIC    | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | ARSENIC    | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | ARSENIC    | 9.1    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | ARSENIC    | 21     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | ARSENIC    | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | ARSENIC    | 20     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | ARSENIC    | 24     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | ARSENIC    | 7.1    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | ARSENIC    | 6.5    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | ARSENIC    | 10     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | ARSENIC    | 8.9    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | ARSENIC    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | ARSENIC    | 7.6    | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | ARSENIC    | 16     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | ARSENIC    | 11     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | ARSENIC    | 15     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | ARSENIC    | 13     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | ARSENIC    | 23     | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | ARSENIC    | 4.2    | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | ARSENIC    | 6      | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | ARSENIC    | 4.4    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | ARSENIC    | 2      | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ARSENIC    | 18     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ARSENIC    | 2.7    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ARSENIC    | 8.5    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ARSENIC    | 1.2    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ARSENIC    | 1.7    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ARSENIC    | 1.4    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | ARSENIC    | 0.9    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | ARSENIC    | 1.1    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ARSENIC    | 7.9    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ARSENIC    | 1      | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ARSENIC    | 20     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ARSENIC    | 7      | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | SVOC  |             | AZOBENZENE | ND     | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | BARIUM     | 76     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | BARIUM     | 71     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | BARIUM     | 58     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | BARIUM     | 40     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | BARIUM     | 47     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | BARIUM     | 140    | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | BARIUM     | 11     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | BARIUM     | 130    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | BARIUM     | 210    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | BARIUM     | 280    | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | BARIUM     | 2.2    | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | BARIUM     | 1300   | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | BARIUM     | 170    | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | BARIUM     | 380    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | BARIUM     | 250    | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | BARIUM     | 130    | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | BARIUM     | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | BARIUM     | 95     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | BARIUM     | 500    | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | BARIUM     | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | BARIUM     | 130    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | BARIUM  | 350    | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | BARIUM  | 870    | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | BARIUM  | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | BARIUM  | 350    | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | BARIUM  | 210    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | BARIUM  | 170    | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | BARIUM  | 240    | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | BARIUM  | 250    | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | BARIUM  | 530    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | BARIUM  | 300    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | BARIUM  | 210    | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | BARIUM  | 570    | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | BARIUM  | 380    | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | BARIUM  | 970    | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | BARIUM  | 760    | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | BARIUM  | 180    | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | BARIUM  | 66     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | BARIUM  | 750    | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | BARIUM  | 560    | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | BARIUM  | 550    | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | BARIUM  | 170    | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | BARIUM  | 110    | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | BARIUM  | 250    | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | BARIUM  | 45     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | BARIUM  | 330    | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | BARIUM  | 130    | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | BARIUM  | 67     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | BARIUM  | 620    | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | BARIUM  | 69     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | BARIUM  | 160    | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | BARIUM  | 340    | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | BARIUM  | 140    | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | BARIUM  | 300    | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | BARIUM  | 130    | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | BARIUM  | 120    | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | BARIUM  | 130    | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | BARIUM  | 160    | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | BARIUM  | 150    | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | BARIUM  | 98     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | BARIUM  | 61     | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | BARIUM  | 100    | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | BARIUM  | 300    | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | BARIUM  | 790    | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | BARIUM  | 100    | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | BARIUM  | 170    | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | BARIUM  | 280    | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | BARIUM  | 73     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | BARIUM  | 240    | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | BARIUM  | 100    | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | BARIUM  | 11     | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | BARIUM  | 100    | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | BARIUM  | 190    | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | BARIUM  | 200    | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | BARIUM  | 330    | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | BARIUM  | 180    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | BARIUM  | 320    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | BARIUM  | 280    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | BARIUM  | 360    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | BARIUM  | 240    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | BARIUM  | 200    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | BARIUM  | 310    | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | BARIUM  | 91     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | BARIUM  | 340    | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | BARIUM  | 860    | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | BARIUM  | 890    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | BARIUM  | 380    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | BARIUM  | 400    | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | BARIUM  | 72     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | BARIUM  | 140    | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | BARIUM  | 60     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | BARIUM  | 5.9    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | BARIUM  | 590    | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | BARIUM  | 50     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|-------------------|--------|-------|------------|
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | BARIUM            | 660    | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | BARIUM            | 830    | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | BARIUM            | 200    | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | BARIUM            | 220    | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | BARIUM            | 200    | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | BARIUM            | 36     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | BARIUM            | 270    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | BARIUM            | 88     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | BARIUM            | 50     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | BARIUM            | 110    | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | BARIUM            | 200    | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | BARIUM            | 16     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | BARIUM            | 59     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | BARIUM            | 46     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | BARIUM            | 11     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | BARIUM            | 9.2    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | BARIUM            | 52     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | BARIUM            | 30     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | BARIUM            | 29     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | BARIUM            | 88     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | BARIUM            | 110    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | BARIUM            | 75     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | BARIUM            | 88     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | BARIUM            | 110    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | BARIUM            | 120    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | BARIUM            | 100    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | BARIUM            | 120    | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | BARIUM            | 720    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | BARIUM            | 380    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | BARIUM            | 250    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | BARIUM            | 400    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | BARIUM            | 92     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | BARIUM            | 200    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | BARIUM            | 440    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | BARIUM            | 47     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | BARIUM            | 84     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | BARIUM            | 670    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | BARIUM            | 19     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | BARIUM            | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | BARIUM            | 71     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | BARIUM            | 81     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | BARIUM            | 9.8    | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | BARIUM            | 160    | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | BARIUM            | 140    | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | BARIUM            | 820    | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | BARIUM            | 770    | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | BARIUM            | 1800   | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | BARIUM            | 400    | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | BARIUM            | 280    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | BARIUM            | 180    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | BARIUM            | 470    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | BARIUM            | 800    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | BARIUM            | 340    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | BARIUM            | 700    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | BARIUM            | 390    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | BARIUM            | 360    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | BARIUM            | 270    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | BARIUM            | 250    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | BARIUM            | 380    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | BARIUM            | 215    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | BARIUM            | 170    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | BARIUM            | 460    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | BARIUM            | 105    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC  |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC  |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC  |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC  |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC  |             | BENZ[A]ANTHRACENE | 82     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------|--------|-------|------------|
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg | TN         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BENZ[A]ANTHRACENE | 100    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BENZ[A]ANTHRACENE | 110    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BENZ[A]ANTHRACENE | 85     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | BENZ[A]ANTHRACENE | ND     | ug/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | SVOC |             | BENZALDEHYDE      | 12     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC  |             | BENZENE           | 2600   | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC  |             | BENZENE           | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | BENZENE           | 55     | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | BENZENE           | 740    | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | BENZENE           | 190    | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | BENZENE           | 5.2    | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | BENZENE           | 430    | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | BENZENE           | 2.7    | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | BENZENE           | 1100   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | BENZENE           | 73     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | BENZENE           | 73     | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | BENZENE           | 220    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | BENZENE           |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC  | 8260B       | BENZENE           | 380    | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC  | 8260B       | BENZENE           | 190    | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC  |             | BENZENE           | 730    | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC  |             | BENZENE           | 17000  | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC  |             | BENZENE           | 3000   | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC  |             | BENZENE           | 1000   | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC  |             | BENZENE           | 18     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC  |             | BENZENE           | 19     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC  |             | BENZENE           | 2000   | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC  |             | BENZENE           | 1.5    | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | VOC  |             | BENZENE           | 930    | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | VOC  |             | BENZENE           | 3.9    | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | VOC  |             | BENZENE           | 7.3    | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC  |             | BENZENE           | 190    | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC  |             | BENZENE           | 2.9    | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC  |             | BENZENE           | 2      | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC  |             | BENZENE           | 1300   | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90              | 5     | VOC  |             | BENZENE           | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|---------|--------|-------|------------|
| RADIAN  | MW-13            | AS-93              | 10    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96              | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178             | 2     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180             | 25    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182             | 16    | VOC  |             | BENZENE | 200    | ug/kg |            |
| RADIAN  | MW-14            | AS-184             | 16    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306             | 3     | VOC  |             | BENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-311             | 7     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316             | 7     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321             | 10    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169             | 5     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173             | 25    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74              | 5     | VOC  |             | BENZENE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-77              | 10    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80              | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83              | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87              | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | BENZENE | 1.8    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | BENZENE | 4.4    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | BENZENE | 5.2    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | BENZENE | 2.9    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | BENZENE | 2.6    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | BENZENE | 1.6    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | BENZENE | 0.3    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | BENZENE | 170    | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | BENZENE | 370    | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | BENZENE | 2500   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | BENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | BENZENE | 890    | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | BENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | BENZENE | 130    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | BENZENE | 1500   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | BENZENE | 140    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | BENZENE | 10000  | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC  |             | BENZENE | 5      | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC  |             | BENZENE | 3      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC  |             | BENZENE | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | BENZENE | 8      | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | BENZENE | 1900   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | BENZENE | 430    | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC  |             | BENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | BENZENE | ND     | ug/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | BENZENE | 0.07   | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | BENZENE | 0.21   | mg/kg | BJ         |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | BENZENE | 0.33   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | VOC  |             | BENZENE | 0.19   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | BENZENE | 3.5    | mg/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | VOC  |             | BENZENE | 1300   | ug/kg | C          |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte   | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------|--------|-------|------------|
| WCC     | WCC-L-2          | AS-129          | 0     | VOC  |             | BENZENE   | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132          | 0     | VOC  |             | BENZENE   | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135          | 0     | VOC  |             | BENZENE   | 280    | ug/kg | C          |
| WCC     | WCC-L-5          | AS-138          | 0     | VOC  |             | BENZENE   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | BENZIDINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | BENZIDINE | 260000 | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | BENZIDINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | BENZIDINE | 14000  | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | BENZIDINE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZIDINE          | 1600   | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZIDINE          | 99000  | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZIDINE          | 17000  | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZIDINE          | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | BENZIDINE          |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | BENZO(A)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | BENZO(A)PYRENE     |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BENZO(A)PYRENE       |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BENZO(B)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BENZO(G,H,I)PERYLENE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BENZO(K)FLUORANTHENE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | BENZO[A]PYRENE       | 68     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZO[A]PYRENE       | 1200   | ug/kg | TD         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BENZO[A]PYRENE       | ND     | ug/kg | TD         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BENZO[B]FLUORANTHENE | 110    | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg | TD         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BENZO[B]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BENZO[G,H,I]PERYLENE | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BENZO[K]FLUORANTHENE | 140    | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | BENZO[K]FLUORANTHENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BENZOIC ACID         |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | BENZOIC ACID         | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | BENZOIC ACID   |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BENZOIC ACID   | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BENZOIC ACID   | 160    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BENZOIC ACID   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BENZYL ALCOHOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BENZYL ALCOHOL |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|------------------------|--------|-------|------------|
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BENZYL ALCOHOL         |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | BENZYL ALCOHOL         | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | BENZYL BUTYL PHTHALATE | 630    | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test  | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|-------|-------------|------------------------|--------|-------|------------|
| II      | II-59            | SOIL, 59-60       | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC  |             | BENZYL BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'          | 10    | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7            | 7     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8            | 8     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7            | 7     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6            | 6     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5          | 5.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8            | 8     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5          | 5.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'     | 7     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01    | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06       | 0.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06       | 0.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06        | 0.5   | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4    | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | METAL |             | BERYLLIUM              | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | METAL |             | BERYLLIUM              | ND     | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte   | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|-----------|--------|-------|------------|
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | BERYLLIUM | 0.15   | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | BERYLLIUM | 0.11   | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | BERYLLIUM | 0.12   | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | BERYLLIUM | 0.1    | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | BERYLLIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | BERYLLIUM | 0.9    | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | BERYLLIUM | 0.16   | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | BERYLLIUM | 0.12   | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | BERYLLIUM | 0.73   | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | BERYLLIUM | 0.74   | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | BERYLLIUM | 0.35   | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | BERYLLIUM | 0.37   | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | BERYLLIUM | 1.1    | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | BERYLLIUM | 0.99   | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | BERYLLIUM | 0.89   | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | BERYLLIUM | 0.4    | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | BERYLLIUM | 0.41   | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | BERYLLIUM | 0.52   | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | BERYLLIUM | 0.51   | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | BERYLLIUM | 0.91   | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | BERYLLIUM | 0.87   | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | BERYLLIUM | 0.2    | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | BERYLLIUM | 0.42   | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | BERYLLIUM | 0.24   | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | BERYLLIUM | 0.33   | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | BERYLLIUM | 0.13   | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | BERYLLIUM | 0.4    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | BERYLLIUM | 0.43   | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | BERYLLIUM | 0.32   | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | BERYLLIUM | 0.12   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | BERYLLIUM | 0.11   | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | BERYLLIUM | 0.49   | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | BERYLLIUM | 0.56   | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | BERYLLIUM | 0.72   | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | BERYLLIUM | 0.71   | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | BERYLLIUM | 0.59   | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | BERYLLIUM | 0.73   | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | BERYLLIUM | 0.46   | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | BERYLLIUM | 1.2    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | BERYLLIUM | 0.82   | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | BERYLLIUM | 0.65   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test      | Test Method | Analyte   | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-----------|-------------|-----------|--------|-------|------------|
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL     |             | BERYLLIUM | 1.2    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL     |             | BERYLLIUM | 0.89   | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL     |             | BERYLLIUM | 0.44   | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL     |             | BERYLLIUM | 0.5    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL     |             | BERYLLIUM | 0.51   | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL     |             | BERYLLIUM | 0.29   | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL     |             | BERYLLIUM | 0.56   | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL     |             | BERYLLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL     |             | BERYLLIUM | 0.48   | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL     |             | BERYLLIUM | 0.24   | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL     |             | BERYLLIUM | 0.47   | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL     |             | BERYLLIUM | 0.12   | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL     |             | BERYLLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL     |             | BERYLLIUM | 0.43   | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL     |             | BERYLLIUM | 0.56   | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL     |             | BERYLLIUM | 0.13   | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL     |             | BERYLLIUM | 0.97   | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL     |             | BERYLLIUM | 0.56   | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL     |             | BERYLLIUM | 0.54   | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL     |             | BERYLLIUM | 0.57   | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL     |             | BERYLLIUM | 0.6    | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL     |             | BERYLLIUM | 0.85   | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL     |             | BERYLLIUM | .6     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.75   | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.2    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL     |             | BERYLLIUM | .85    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL     |             | BERYLLIUM | 1.2    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.85   | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.63   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL     |             | BERYLLIUM | 1.1    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL     |             | BERYLLIUM | 1.4    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL     |             | BERYLLIUM | 1.5    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.75   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL     |             | BERYLLIUM | .99    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL     |             | BERYLLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL     |             | BERYLLIUM | 0.65   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL     |             | BERYLLIUM | 1.2    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3     | 0.2   | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5    | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240       | 20    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180       | 15    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg | TM         |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg | TM         |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | PESTICIDE |             | BETA-BHC  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|----------------------------|--------|-------|------------|
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg | TM         |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | BETA-BHC                   | 75     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | BETA-BHC                   | 62     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | BETA-BHC                   | 49     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | BETA-BHC                   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon-GP11-12'  | 12    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC      | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC      |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------------|--------|-------|------------|
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | BIS(2-CHLOROETHOXY)METHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BIS(2-CHLOROETHOXY)METHANE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER   |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER   |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BIS(2-CHLOROETHYL) ETHER   | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                      | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|------------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | BIS(2-CHLOROETHYL) ETHER     | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'    | 19    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8'     | 8     | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BIS(2-CHLOROETHYL) ETHER     |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                      | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------------|--------|-------|------------|
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | BIS(2-CHLOROISOPROPYL) ETHER | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-08            | Ascon-GP8-8'      | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-09            | Ascon-GP9-8'      | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10B-11'   | 11    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-11            | Ascon-GP11-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL) ETHER |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-24            | Ascon-GP24-18     | 18    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | BIS(2-CHLOROISOPROPYL)ETHER |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 730    | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------------------------|--------|-------|------------|
| ESE     | L5-2             | SOIL, L5-2-5'   | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| OWR     | OWR7             | OWR-7           | 4.5   | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 460    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 260    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 10000  | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 250    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 340    | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 1300   | ug/kg | B          |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 17000  | ug/kg | B          |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 14000  | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 500    | ug/kg | B          |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 550    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 1800   | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 190    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 310    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 460    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 250    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 1000   | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 240    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 190    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 130    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 360    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 1600   | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 180    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 200000 | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 280    | ug/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 3500   | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | BIS(2-ETHYLHEXYL) PHTHALATE | 200    | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | BIS(2-ETHYLHEXYL)PHTHALATE  |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | BROMOBENZENE                |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | BROMOBENZENE         |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | BROMOCHLOROMETHANE   |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | GP-08            | Ascon GP9-8'      | 8     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | MW-4             | AS-169          | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg | C          |
| RADIAN  | MW-4             | AS-173          | 25    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)      | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74           | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77           | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80           | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83           | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87           | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | BROMODICHLOROMETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | BROMODICHLOROMETHANE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | BROMOFORM            | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | BROMOFORM            | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | BROMOFORM            |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------|--------|-------|------------|
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | BROMOFORM | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | VOC  |             | BROMOFORM | 15     | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | BROMOFORM | 4.7    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | BROMOFORM |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|--------------|--------|-------|------------|
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | BROMOFORM    |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | BROMOFORM    | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | BROMOFORM    | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | BROMOFORM    | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | BROMOFORM    | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | BROMOFORM    | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------|--------|-------|------------|
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg | TM         |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | BROMOMETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | BROMOMETHANE | ND     | ug/kg | TM         |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | BROMOMETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | BROMOMETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC   |             | BROMOMETHANE           | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC   |             | BROMOMETHANE           | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC   |             | BROMOMETHANE           | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC   |             | BROMOMETHANE           | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC   |             | BROMOMETHANE           | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC   |             | BROMOMETHANE           | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC   |             | BROMOMETHANE           | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'    | 19    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8'     | 8     | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC  | 8270C       | BUTYL BENZYL PHTHALATE |        | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'        | 10    | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7'         | 7     | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8'         | 8     | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7'         | 7     | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6'         | 6     | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5'       | 5.5   | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8'         | 8     | METAL |             | CADMIUM                | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5'       | 5.5   | METAL |             | CADMIUM                | ND     | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|---------|--------|-------|------------|
| DOHS    | DOHS-767         | DOHS-767        | 0     | METAL |             | CADMIUM | 1.5    | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768        | 1     | METAL |             | CADMIUM | 2.1    | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769        | 0     | METAL |             | CADMIUM | 3.4    | mg/kg | B          |
| DOHS    | DOHS-770         | DOHS-770        | 0     | METAL |             | CADMIUM | 1.5    | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | METAL |             | CADMIUM | 0.15   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | METAL |             | CADMIUM | 78     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'   | 7     | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06      | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-19            | SOIL, 19-06     | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | METAL |             | CADMIUM | 1.2    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | CADMIUM | 2.8    | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06     | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4  | 0     | METAL |             | CADMIUM | 23     | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | CADMIUM | 11     | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | METAL |             | CADMIUM | 9.8    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2 | 0     | METAL |             | CADMIUM | 4.9    | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | METAL |             | CADMIUM | 2.1    | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | METAL |             | CADMIUM | 17     | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | METAL |             | CADMIUM | 3.3    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | METAL |             | CADMIUM | 3      | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | METAL |             | CADMIUM | 3.9    | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | METAL |             | CADMIUM | 0.5    | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-43            | 43-120          | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96     | 8     | METAL |             | CADMIUM | 0.53   | mg/kg |            |
| II      | II-44            | 44-180          | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120    | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-45            | 45-240          | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | METAL |             | CADMIUM | 0.54   | mg/kg |            |
| II      | II-46            | 46-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-47            | 47-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-53            | 53-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-54            | 54-00           | 0     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-62            | 62-82           | 7     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-63            | 63-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-65            | 65-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-66            | 66-120          | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-66            | 66-240          | 20    | METAL |             | CADMIUM | 1.5    | mg/kg |            |
| II      | II-66            | 66-300          | 25    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-67            | 67-180          | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-67            | 67-60           | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-69            | 69-120          | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-69            | 69-180          | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'   | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'  | 12    | METAL |             | CADMIUM | 0.15   | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'   | 4     | METAL |             | CADMIUM | 19     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | CADMIUM | 2.9    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | CADMIUM | 1.8    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | CADMIUM | 0.42   | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | CADMIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | CADMIUM | 2.5    | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | CADMIUM | 2.8    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | CADMIUM | 3.4    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | CADMIUM | 1.4    | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | CADMIUM | 0.66   | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | CADMIUM | 0.44   | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | CADMIUM | 0.5    | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | CADMIUM | 0.37   | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | CADMIUM | 1.5    | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | CADMIUM | 4.4    | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | CADMIUM | 2.4    | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | CADMIUM | ND     | mg/kg | B          |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | CADMIUM | 1.3    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | CADMIUM | 2.7    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | CADMIUM | 3.3    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | CADMIUM | 1.6    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | CADMIUM | 2.4    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | CADMIUM | 11     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | CADMIUM | 7      | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | CADMIUM | 0.91   | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | CADMIUM | 5.2    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | CADMIUM | ND     | mg/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | CADMIUM | 1.4    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | CADMIUM | 7.8    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | CADMIUM | 0.65   | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | CADMIUM | 0.42   | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | CADMIUM | 0.47   | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | CADMIUM | 0.32   | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | CADMIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | CADMIUM | 0.38   | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | CADMIUM | 0.52   | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | CADMIUM | 0.45   | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | CADMIUM | 0.69   | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | CADMIUM | 1.3    | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | CADMIUM | ND     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | CADMIUM | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | CADMIUM | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------------|--------|-------|------------|
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | CADMIUM          | 1.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | CADMIUM          | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | CARBON DISULFIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | CARBON DISULFIDE | ND     | ug/kg | C          |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | CARBON DISULFIDE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | CARBON DISULFIDE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC  |             | CARBON DISULFIDE     | 1300   | ug/kg | BJ         |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC  |             | CARBON DISULFIDE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC  |             | CARBON DISULFIDE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | VOC  |             | CARBON DISULFIDE     | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'      | 8     | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|----------------------|--------|-------|------------|
| RADIAN  | LS-1             | LS1, AS-126     | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129     | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132     | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135     | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | B          |
| RADIAN  | LS-5             | LS5, AS-138     | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90           | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | BJ         |
| RADIAN  | MW-13            | AS-93           | 10    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | *B         |
| RADIAN  | MW-13            | AS-96           | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310          | 7     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315          | 7     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320          | 10    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)      | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-74           | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77           | 10    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80           | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83           | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87           | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC       | 8260B       | CARBON TETRACHLORIDE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC       |             | CARBON TETRACHLORIDE | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | CHLORDANE            | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test      | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|-----------|-------------|----------------|--------|-------|------------|
| II      | II-37            | WASTE, 37-01 #5  | 0     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240     | 20    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240     | 20    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180     | 15    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350     | 29    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82      | 7     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204     | 17    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240     | 20    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60      | 5     | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120     | 10    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180     | 15    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166     | 14    | PESTICIDE |             | CHLORDANE      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'    | 11    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'     | 8     | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC       | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180     | 15    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | VOC       |             | CHLORO BENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321            | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | CHLORO BENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P4-12'      | 12    | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | CHLORO BENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | CHLORO BENZENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | CHLORO BENZENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | CHLORO BENZENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | CHLORO BENZENE       |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLORO BENZENE       | 2      | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLORO BENZENE       | 6600   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138          | 0     | VOC  |             | CHLORO BENZENE       | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | VOC  |             | CHLORODIBROMOMETHANE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | CHLOROETHANE         | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------|--------|-------|------------|
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'     | 11    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'  | 17.5  | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'    | 20    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg | B          |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|--------------|--------|-------|------------|
| RADIAN  | MW-13            | AS-96           | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310          | 7     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315          | 7     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320          | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)      | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74           | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77           | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80           | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83           | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87           | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | CHLOROETHANE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLOROETHANE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLOROETHANE | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | CHLOROETHANE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | CHLOROETHANE | ND     | ug/kg | J          |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | CHLOROFORM   | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | CHLOROFORM   | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | CHLOROFORM   |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------|--------|-------|------------|
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | CHLOROFORM |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CHLOROFORM | ND     | ug/kg | C          |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLOROFORM | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CHLOROFORM | ND     | ug/kg | TM         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------|--------|-------|------------|
| RADIAN  | MW-4             | B-4 (MW-4)      | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74           | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77           | 10    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80           | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83           | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87           | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1           | 4.5   | VOC  |             | CHLOROFORM    | 17     | mg/kg |            |
| OWR     | OWR2             | OWR-2           | 4.5   | VOC  |             | CHLOROFORM    | 18     | mg/kg |            |
| OWR     | OWR3             | OWR-3           | 4.5   | VOC  |             | CHLOROFORM    | 24     | mg/kg |            |
| OWR     | OWR4             | OWR-4           | 4.5   | VOC  |             | CHLOROFORM    | 17     | mg/kg |            |
| OWR     | OWR5             | OWR-5           | 4.5   | VOC  |             | CHLOROFORM    | 17     | mg/kg |            |
| OWR     | OWR6             | OWR-6           | 4.5   | VOC  |             | CHLOROFORM    | 25     | mg/kg |            |
| OWR     | OWR7             | OWR-7           | 4.5   | VOC  |             | CHLOROFORM    | 9.6    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | CHLOROFORM    |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLOROFORM    | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | CHLOROFORM    | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------|--------|-------|------------|
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | CHLOROMETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg | J          |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CHLOROMETHANE | ND     | ug/kg | B          |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | CHLOROMETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|------------------|--------|-------|------------|
| RADIAN  | MW-9             | AS-87           | 15    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC   | 8260B       | CHLOROMETHANE    |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293          | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281          | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285          | 7     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289          | 10    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE        | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC   |             | CHLOROMETHANE    | ND     | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'        | 10    | METAL |             | CHROMIUM (TOTAL) | 23     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7          | 7     | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8          | 8     | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7          | 7     | METAL |             | CHROMIUM (TOTAL) | 19     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6          | 6     | METAL |             | CHROMIUM (TOTAL) | 24     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5        | 5.5   | METAL |             | CHROMIUM (TOTAL) | 42     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8          | 8     | METAL |             | CHROMIUM (TOTAL) | 4.5    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5        | 5.5   | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767        | 0     | METAL |             | CHROMIUM (TOTAL) | 120    | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768        | 1     | METAL |             | CHROMIUM (TOTAL) | 68     | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769        | 0     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770        | 0     | METAL |             | CHROMIUM (TOTAL) | 100    | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | METAL |             | CHROMIUM (TOTAL) | 3.2    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | METAL |             | CHROMIUM (TOTAL) | 150    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'   | 7     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | METAL |             | CHROMIUM (TOTAL) | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06      | 0.5   | METAL |             | CHROMIUM (TOTAL) | 120    | mg/kg |            |
| II      | II-19            | SOIL, 19-06     | 0.5   | METAL |             | CHROMIUM (TOTAL) | 35     | mg/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CHROMIUM (TOTAL) | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | CHROMIUM (TOTAL) | 98     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | CHROMIUM (TOTAL) | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06     | 0.5   | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4  | 0     | METAL |             | CHROMIUM (TOTAL) | 120    | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | CHROMIUM (TOTAL) | 33     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | CHROMIUM (TOTAL) | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | CHROMIUM (TOTAL) | 92     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------------|--------|-------|------------|
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | CHROMIUM (TOTAL) | 200    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | CHROMIUM (TOTAL) | 170    | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | CHROMIUM (TOTAL) | 37     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | CHROMIUM (TOTAL) | 75     | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | CHROMIUM (TOTAL) | 140    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | CHROMIUM (TOTAL) | 110    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | CHROMIUM (TOTAL) | 190    | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 22     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 34     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | CHROMIUM (TOTAL) | 24     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | CHROMIUM (TOTAL) | 14     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | CHROMIUM (TOTAL) | 12     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | CHROMIUM (TOTAL) | 23     | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | CHROMIUM (TOTAL) | 7.1    | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 14     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 28     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 14     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | CHROMIUM (TOTAL) | 37     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | CHROMIUM (TOTAL) | 29     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | CHROMIUM (TOTAL) | 29     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 30     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | CHROMIUM (TOTAL) | 24     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | CHROMIUM (TOTAL) | 29     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | CHROMIUM (TOTAL) | 33     | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | CHROMIUM (TOTAL) | 11     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | CHROMIUM (TOTAL) | 100    | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | CHROMIUM (TOTAL) | 83     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | CHROMIUM (TOTAL) | 100    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | CHROMIUM (TOTAL) | 60     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | CHROMIUM (TOTAL) | 10     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | CHROMIUM (TOTAL) | 160    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | CHROMIUM (TOTAL) | 19     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | CHROMIUM (TOTAL) | 95     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | CHROMIUM (TOTAL) | 13     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | CHROMIUM (TOTAL) | 60     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | CHROMIUM (TOTAL) | 42     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | CHROMIUM (TOTAL) | 62     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | CHROMIUM (TOTAL) | 4.8    | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | CHROMIUM (TOTAL) | 21     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | CHROMIUM (TOTAL) | 4.7    | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | CHROMIUM (TOTAL) | 2.2    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | CHROMIUM (TOTAL) | 23     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | CHROMIUM (TOTAL) | 32     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | CHROMIUM (TOTAL) | 35     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | CHROMIUM (TOTAL) | 36     | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | CHROMIUM (TOTAL) | 31     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | CHROMIUM (TOTAL) | 11     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | CHROMIUM (TOTAL) | 14     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | CHROMIUM (TOTAL) | 5.1    | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | CHROMIUM (TOTAL) | 11     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | CHROMIUM (TOTAL) | 6.2    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 39     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 38     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 36     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 100    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 110    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 91     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | CHROMIUM (TOTAL) | 72     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg | B          |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | CHROMIUM (TOTAL) | 20     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | CHROMIUM (TOTAL) | 19     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | CHROMIUM (TOTAL) | 24     | mg/kg | B          |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | CHROMIUM (TOTAL) | 28     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | CHROMIUM (TOTAL) | 28     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | CHROMIUM (TOTAL) | 660    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | CHROMIUM (TOTAL) | 30     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg | B          |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | CHROMIUM (TOTAL) | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | CHROMIUM (TOTAL) | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | CHROMIUM (TOTAL) | 23     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | CHROMIUM (TOTAL) | 2.6    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | CHROMIUM (TOTAL) | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | CHROMIUM (TOTAL) | 22     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | CHROMIUM (TOTAL) | 4.8    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | CHROMIUM (TOTAL) | 0.92   | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | CHROMIUM (TOTAL) | 14     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | CHROMIUM (TOTAL) | 4.8    | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | CHROMIUM (TOTAL) | 28     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | CHROMIUM (TOTAL) | 17     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | CHROMIUM (TOTAL) | 27     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | CHROMIUM (TOTAL) | 25     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | CHROMIUM (TOTAL) | 53     | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | CHROMIUM (TOTAL) | 45     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | CHROMIUM (TOTAL) | 60     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 39     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 43     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 63     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 30     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 120    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 26     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 48     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 30     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 15     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 11     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 2.6    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 34     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | CHROMIUM (TOTAL) | 46     | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | CHROMIUM (VI)    | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|---------------|--------|-------|------------|
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96     | 8     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120    | 10    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | METAL |             | CHROMIUM (VI) | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC  |             | CHRYSENE      | 11000  | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE-1   | 18.3  | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-08            | Ascon-GP8-8'    | 8     | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-09            | Ascon-GP9-8'    | 8     | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10B-11' | 11    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-11            | Ascon-GP11-12'  | 12    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-24            | Ascon-GP24-18'  | 18    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC  | 8270C       | CHRYSENE      |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC  |             | CHRYSENE      | 630    | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC  |             | CHRYSENE      | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------|--------|-------|------------|
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | CHRYSENE | 670    | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | CHRYSENE | 60     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | CHRYSENE | 1300   | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | CHRYSENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | CHRYSENE | 2800   | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | CHRYSENE | 2700   | ug/kg | B          |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | CHRYSENE | 990    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | CHRYSENE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | CHRYSENE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | CHRYSENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | CHRYSENE | 910    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | CHRYSENE | 200    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | CHRYSENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|------|-------------|------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | SVOC |             | CHRYSENE               | 220    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | SVOC |             | CHRYSENE               | 150    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | SVOC |             | CHRYSENE               | 740    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | SVOC |             | CHRYSENE               | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'     | 8     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120     | 10    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82      | 7     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204     | 17    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120     | 10    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180     | 15    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60      | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166     | 14    | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'    | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'    | 4     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'    | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------------|--------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CIS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | CIS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg | C          |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | CIS-1,2-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------------|--------|-------|------------|
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | CIS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC  |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|-------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC   |             | CIS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'        | 10    | METAL |             | COBALT                  | 9.5    | mg/kg |            |
| ESE     | CPT-2            | CPT2-7          | 7     | METAL |             | COBALT                  | 8.4    | mg/kg |            |
| ESE     | CPT-3            | CPT3-8          | 8     | METAL |             | COBALT                  | 6.8    | mg/kg |            |
| ESE     | CPT-4            | CPT4-7          | 7     | METAL |             | COBALT                  | 8.4    | mg/kg |            |
| ESE     | CPT-5            | CPT5-6          | 6     | METAL |             | COBALT                  | 5.7    | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5        | 5.5   | METAL |             | COBALT                  | 11     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8          | 8     | METAL |             | COBALT                  | 1.4    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5        | 5.5   | METAL |             | COBALT                  | 9.9    | mg/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | METAL |             | COBALT                  | 7.4    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | COBALT                  | 6.4    | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | COBALT                  | 11     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | COBALT                  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | COBALT                  | 5.7    | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | COBALT                  | 4      | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | COBALT                  | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | COBALT                  | 8.5    | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | COBALT                  | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | COBALT                  | 3.3    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2 | 0     | METAL |             | COBALT                  | 3.8    | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | METAL |             | COBALT                  | 6.1    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | METAL |             | COBALT                  | 3.6    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | METAL |             | COBALT                  | 5.5    | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | METAL |             | COBALT                  | 7.1    | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | METAL |             | COBALT                  | 4.3    | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | METAL |             | COBALT                  | 11     | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | METAL |             | COBALT                  | 3.7    | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | METAL |             | COBALT                  | 5.5    | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | METAL |             | COBALT                  | 6      | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | METAL |             | COBALT                  | 2.5    | mg/kg |            |
| II      | II-43            | SOIL, 43-96     | 8     | METAL |             | COBALT                  | 4.5    | mg/kg |            |
| II      | II-44            | SOIL, 44-120    | 10    | METAL |             | COBALT                  | 4.8    | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | METAL |             | COBALT                  | 5.6    | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | METAL |             | COBALT                  | 5.2    | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | METAL |             | COBALT                  | 6.5    | mg/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | METAL |             | COBALT                  | 7.9    | mg/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | METAL |             | COBALT                  | 11     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | METAL |             | COBALT                  | 9.7    | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | METAL |             | COBALT                  | 11     | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | METAL |             | COBALT                  | 6.2    | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | METAL |             | COBALT                  | 9.4    | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | METAL |             | COBALT                  | 9.4    | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | METAL |             | COBALT                  | 6.9    | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | METAL |             | COBALT                  | 10     | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | METAL |             | COBALT                  | 4.3    | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | METAL |             | COBALT                  | 11     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | METAL |             | COBALT                  | 5.9    | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | METAL |             | COBALT                  | 2.8    | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | METAL |             | COBALT                  | 3.1    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | METAL |             | COBALT                  | 3.1    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | METAL |             | COBALT                  | 1.2    | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | METAL |             | COBALT                  | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | METAL |             | COBALT                  | 13     | mg/kg |            |
| RADIAN  | MW-13            | AS-94           | 15    | METAL |             | COBALT                  | 2.6    | mg/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | METAL |             | COBALT                  | 1.1    | mg/kg |            |
| RADIAN  | MW-14            | AS-179          | 2     | METAL |             | COBALT                  | 12     | mg/kg |            |
| RADIAN  | MW-14            | AS-181          | 25    | METAL |             | COBALT                  | 11     | mg/kg |            |
| RADIAN  | MW-14            | AS-183          | 15    | METAL |             | COBALT                  | 6.3    | mg/kg |            |
| RADIAN  | MW-14            | AS-185          | 16    | METAL |             | COBALT                  | 7.2    | mg/kg |            |
| RADIAN  | MW-15            | AS-308          | 3     | METAL |             | COBALT                  | 19     | mg/kg |            |
| RADIAN  | MW-15            | AS-313          | 3     | METAL |             | COBALT                  | 16     | mg/kg |            |
| RADIAN  | MW-15            | AS-318          | 3     | METAL |             | COBALT                  | 15     | mg/kg |            |
| RADIAN  | MW-15            | AS-323          | 3     | METAL |             | COBALT                  | 6.7    | mg/kg |            |
| RADIAN  | MW-4             | AS-170          | 5     | METAL |             | COBALT                  | 7.5    | mg/kg |            |
| RADIAN  | MW-4             | AS-172          | 15    | METAL |             | COBALT                  | 11     | mg/kg |            |
| RADIAN  | MW-4             | AS-174          | 20    | METAL |             | COBALT                  | 8.9    | mg/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | METAL |             | COBALT                  | 13     | mg/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | METAL |             | COBALT                  | 12     | mg/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | METAL |             | COBALT                  | 2.8    | mg/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | METAL |             | COBALT                  | 6.5    | mg/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | METAL |             | COBALT                  | 3.4    | mg/kg |            |
| OWR     | OWR1             | OWR-1           | 4.5   | METAL |             | COBALT                  | 3.3    | mg/kg |            |
| OWR     | OWR2             | OWR-2           | 4.5   | METAL |             | COBALT                  | 2.5    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|---------|--------|-------|------------|
| OWR     | OWR3             | OWR-3           | 4.5   | METAL |             | COBALT  | 4.9    | mg/kg |            |
| OWR     | OWR4             | OWR-4           | 4.5   | METAL |             | COBALT  | 5      | mg/kg |            |
| OWR     | OWR5             | OWR-5           | 4.5   | METAL |             | COBALT  | 5.4    | mg/kg |            |
| OWR     | OWR6             | OWR-6           | 4.5   | METAL |             | COBALT  | 4.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7           | 4.5   | METAL |             | COBALT  | 4.8    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295          | 3     | METAL |             | COBALT  | 8.6    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283          | 3     | METAL |             | COBALT  | 9.3    | mg/kg | B          |
| RADIAN  | RADIAN-B-11      | AS-287          | 7     | METAL |             | COBALT  | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291          | 10    | METAL |             | COBALT  | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263          | 5     | METAL |             | COBALT  | 10     | mg/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-269          | 3     | METAL |             | COBALT  | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272          | 4     | METAL |             | COBALT  | 7.5    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236          | 21    | METAL |             | COBALT  | 15     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241          | 15    | METAL |             | COBALT  | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233          | 5     | METAL |             | COBALT  | 7.8    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239          | 20    | METAL |             | COBALT  | 16     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257          | 15    | METAL |             | COBALT  | 14     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243          | 3     | METAL |             | COBALT  | 7.5    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260          | 15    | METAL |             | COBALT  | 10     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273          | 20    | METAL |             | COBALT  | 9.1    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | METAL |             | COBALT  | 5.2    | mg/kg | B          |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | METAL |             | COBALT  | 11     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | METAL |             | COBALT  | 1.1    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | METAL |             | COBALT  | 8.3    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | METAL |             | COBALT  | 4.1    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | METAL |             | COBALT  | 7.2    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | METAL |             | COBALT  | 1.8    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145          | 0     | METAL |             | COBALT  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251          | 3     | METAL |             | COBALT  | 8.9    | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254          | 15    | METAL |             | COBALT  | 10     | mg/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-266          | 20    | METAL |             | COBALT  | 2.5    | mg/kg | B          |
| RADIAN  | RADIAN-BH-1      | AS-11           |       | METAL |             | COBALT  | 18     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18           |       | METAL |             | COBALT  | 8.6    | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1            | 0.25  | METAL |             | COBALT  | 9.6    | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6            | 0.25  | METAL |             | COBALT  | 9.4    | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9            | 0.25  | METAL |             | COBALT  | 10     | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'        | 10    | METAL |             | COPPER  | 36     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7          | 7     | METAL |             | COPPER  | 30     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8          | 8     | METAL |             | COPPER  | 23     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7          | 7     | METAL |             | COPPER  | 29     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6          | 6     | METAL |             | COPPER  | 23     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5        | 5.5   | METAL |             | COPPER  | 39     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8          | 8     | METAL |             | COPPER  | 1.9    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5        | 5.5   | METAL |             | COPPER  | 40     | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767        | 0     | METAL |             | COPPER  | 34     | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768        | 1     | METAL |             | COPPER  | 13     | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770        | 0     | METAL |             | COPPER  | 45     | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | METAL |             | COPPER  | 2.5    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | METAL |             | COPPER  | 55     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'   | 7     | METAL |             | COPPER  | 18     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | METAL |             | COPPER  | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | METAL |             | COPPER  | 36     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | COPPER  | 18     | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | COPPER  | 31     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | COPPER  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | COPPER  | 16     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | COPPER  | 31     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | COPPER  | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | COPPER  | 27     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | COPPER  | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | COPPER  | 26     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2 | 0     | METAL |             | COPPER  | 40     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | METAL |             | COPPER  | 47     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | METAL |             | COPPER  | 35     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | METAL |             | COPPER  | 49     | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | METAL |             | COPPER  | 23     | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | METAL |             | COPPER  | 25     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | METAL |             | COPPER  | 41     | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | METAL |             | COPPER  | 68     | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | METAL |             | COPPER  | 30     | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | METAL |             | COPPER  | 15     | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | METAL |             | COPPER  | 14     | mg/kg |            |
| II      | II-43            | SOIL, 43-96     | 8     | METAL |             | COPPER  | 30     | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | COPPER  | 55     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | COPPER  | 31     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | COPPER  | 30     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | COPPER  | 29     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | COPPER  | 31     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | COPPER  | 36     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | COPPER  | 38     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | COPPER  | 39     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | COPPER  | 28     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | COPPER  | 27     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | COPPER  | 43     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | COPPER  | 39     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | COPPER  | 27     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | COPPER  | 55     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | COPPER  | 32     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | COPPER  | 31     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | COPPER  | 15     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | COPPER  | 12     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | COPPER  | 34     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | COPPER  | 56     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | COPPER  | 37     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | COPPER  | 14     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | COPPER  | 24     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | COPPER  | 25     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | COPPER  | 92     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | COPPER  | 22     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | COPPER  | 17     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | COPPER  | 19     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | COPPER  | 23     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | COPPER  | 34     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | COPPER  | 2.7    | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | COPPER  | 3.1    | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | COPPER  | 32     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | COPPER  | 6.4    | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | COPPER  | 2.1    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | COPPER  | 27     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | COPPER  | 24     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | COPPER  | 27     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | COPPER  | 34     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | COPPER  | 42     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | COPPER  | 38     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | COPPER  | 33     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | COPPER  | 15     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | COPPER  | 22     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | COPPER  | 18     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | COPPER  | 20     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | COPPER  | 33     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | COPPER  | 30     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | COPPER  | 3.9    | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | COPPER  | 14     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | COPPER  | 8.2    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | COPPER  | 21     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | COPPER  | 22     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | COPPER  | 20     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | COPPER  | 30     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | COPPER  | 54     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | COPPER  | 25     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | COPPER  | 72     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | COPPER  | 22     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | COPPER  | 21     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | COPPER  | 30     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | COPPER  | 39     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | COPPER  | 19     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | COPPER  | 30     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | COPPER  | 19     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | COPPER  | 34     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | COPPER  | 26     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | COPPER  | 1300   | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | COPPER  | 46     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | COPPER  | 41     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | COPPER  | 23     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | COPPER  | 20     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | COPPER  | 36     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | COPPER               | 58     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | COPPER               | 37     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | COPPER               | 4      | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | COPPER               | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | COPPER               | 23     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | COPPER               | 23     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | COPPER               | 3.6    | mg/kg | B          |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | COPPER               | 0.72   | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | COPPER               | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | COPPER               | 15     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | COPPER               | 13     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | COPPER               | 42     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | COPPER               | 18     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | COPPER               | 30     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | COPPER               | 37     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | COPPER               | 86     | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | COPPER               | 39     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | COPPER               | 26     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | COPPER               | 26     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | COPPER               | 29     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | COPPER               | 42     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | COPPER               | 10     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | COPPER               | 31     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | COPPER               | 16     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | COPPER               | 20     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | COPPER               | 36     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | COPPER               | 22     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | COPPER               | 4.6    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | COPPER               | 18     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | COPPER               | 6.4    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | COPPER               | 29     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | COPPER               | 41     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | OTHER |             | CYANIDE, EPA 335.2   | ND     | mg/kg |            |
| II      | II-12            | SOIL, 12-06        | 0.5   | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-02     | 0     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-34            | WASTE, 34-01 #1    | 0     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-180       | 15    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | OTHER |             | CYANIDE, EPA 9010    | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC   |             | DECAHYDRONAPHTHALENE | 5.4    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC   |             | DECAHYDRONAPHTHALENE | 15     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-----------------------|--------|-------|------------|
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | DELTA-BHC             | 38     | ug/kg | J          |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | DELTA-BHC             | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC      | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-----------------------|--------|-------|------------|
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | DIBENZ(A,H)ANTHRACENE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | DIBENZ(A,H)ANTHRACENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | 1700   | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | DIBENZ[A,H]ANTHRACENE | 500    | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | DIBENZ[A,H]ANTHRACENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'     | 11    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'    | 18    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'    | 20    | SVOC | 8270C       | DIBENZOFURAN          |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | DIBENZOFURAN          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------|--------|-------|------------|
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | DIBENZOFURAN |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | DIBENZOFURAN | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-105           | 30    | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | SVOC |             | DIBENZOFURAN         | 540    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | SVOC |             | DIBENZOFURAN         | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'     | 8     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'     | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'     | 13    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'     | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'     | 12    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'     | 19    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'   | 23.5  | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'     | 15    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'      | 7     | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'     | 18    | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5'  | 11.5  | VOC  | 8260B       | DIBROMOCHLOROMETHANE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'     | 8     | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | DIBROMOFLUROMETHANE  |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------------|--------|-------|------------|
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | DIBROMOFLUROMETHANE     |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | DIBROMOMETHANE          |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte                 | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-------------------------|--------|-------|------------|
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'    | 19    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'     | 7     | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5' | 11.5  | VOC       | 8260B       | DICHLORODIFLUOROMETHANE |        | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | DIELDRIN                | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | DIELDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | DIELDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | DIELDRIN          | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC      | 8270C       | DIETHYL PHTHALATE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC      |             | DIETHYL PHTHALATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|------------------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-60        | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180       | 15    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8         | 8     | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC | 8270C       | DIETHYL PHTHALATE            |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | DIETHYL PHTHALATE            | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | DIETHYLBENZENES              | 63     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | DIETHYLMETHYLBENZENE ISOMERS | 5.7    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | DIETHYLMETHYLBENZENE ISOMERS | 37     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | DIMETHYL PHTHALATE           | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | DIMETHYL PHTHALATE           | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | DIMETHYL PHTHALATE           |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | DIMETHYL PHTHALATE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | DIMETHYL PHTHALATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | DIMETHYL PHTHALATE     | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | DIMETHYLINDAN          | 1.1    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | DIMETHYLINDANE ISOMERS | 25     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | DIMETHYLINDANE ISOMERS | 25     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | VOC  |             | DIMETHYLNAPHTHALENE    | 300    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE   |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC |             | DI-N-BUTYL PHTHALATE   | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------|--------|-------|------------|
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | DI-N-BUTYL PHTHALATE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | DI-N-BUTYL PHTHALATE | 510    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | DI-N-BUTYL PHTHALATE | 410    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | DI-N-BUTYL PHTHALATE | 240    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | DI-N-BUTYL PHTHALATE | 180    | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | 390    | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | DI-N-BUTYL PHTHALATE | 430    | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | DI-N-BUTYL PHTHALATE | 100    | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | 580    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | 4300   | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | 110    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | 740    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | DI-N-BUTYL PHTHALATE | 370    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | 540    | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | 470    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | DI-N-BUTYL PHTHALATE | 160    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | 300    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | DI-N-BUTYL PHTHALATE | 770    | ug/kg | B          |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | 700    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | DI-N-BUTYL PHTHALATE | 3700   | ug/kg | B          |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | DI-N-BUTYL PHTHALATE | 360    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | DI-N-BUTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | DI-N-BUTYL PHTHALATE | 430    | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | DI-N-BUTYL PHTHALATE | 540    | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | DI-N-BUTYL PHTHALATE | 300    | ug/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11             |       | SVOC |             | DI-N-BUTYL PHTHALATE | 510    | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------|--------|-------|------------|
| RADIAN  | RADIAN-BH-2      | AS-18           |       | SVOC |             | DI-N-BUTYL PHTHALATE | 210    | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'  | 18    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'  | 20    | SVOC | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test      | Test Method | Analyte              | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|-----------|-------------|----------------------|--------|-------|------------|
| II      | II-67            | SOIL, 67-180      | 15    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC      | 8270C       | DI-N-OCTYL PHTHALATE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC      |             | DI-N-OCTYL PHTHALATE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3    | 0.2   | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4    | 0     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1   | 0     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5   | 0     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240      | 20    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120      | 10    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120      | 10    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | PESTICIDE |             | ENDOSULFAN I         | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|---------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ENDOSULFAN I  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ENDOSULFAN II | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|--------------------|--------|-------|------------|
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ENDOSULFAN II      | 2.6    | ug/kg | J          |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ENDOSULFAN II      | 11     | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ENDOSULFAN II      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|--------------------|--------|-------|------------|
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg | TM         |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ENDOSULFAN SULFATE | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ENDRIN             | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-----------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ENDRIN          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | ENDRIN ALDEHYDE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg | TM         |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | ENDRIN KETONE   | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|---------------|--------|-------|------------|
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | ENDRIN KETONE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC       |             | ETHYLBENZENE  | 20000  | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC       | 8260B       | ETHYLBENZENE  | 9.6    | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC       | 8260B       | ETHYLBENZENE  | 2800   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC       | 8260B       | ETHYLBENZENE  | 2700   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC       | 8260B       | ETHYLBENZENE  | 4      | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC       | 8260B       | ETHYLBENZENE  | 450    | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC       | 8260B       | ETHYLBENZENE  | 4.5    | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC       | 8260B       | ETHYLBENZENE  | 3800   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC       | 8260B       | ETHYLBENZENE  | 24     | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC       | 8260B       | ETHYLBENZENE  | 4300   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC       | 8260B       | ETHYLBENZENE  | 35     | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC       | 8260B       | ETHYLBENZENE  | 210    | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC       | 8260B       | ETHYLBENZENE  | 5      | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC       | 8260B       | ETHYLBENZENE  | 320    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC       | 8260B       | ETHYLBENZENE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC       | 8260B       | ETHYLBENZENE  | 2600   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC       | 8260B       | ETHYLBENZENE  | 820    | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC       |             | ETHYLBENZENE  | 5700   | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC       |             | ETHYLBENZENE  | 3800   | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC       |             | ETHYLBENZENE  | 9500   | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1 | 0     | VOC       |             | ETHYLBENZENE  | 1500   | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | VOC       |             | ETHYLBENZENE  | 10000  | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | VOC       |             | ETHYLBENZENE  | 3000   | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | VOC       |             | ETHYLBENZENE  | 1.8    | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | VOC       |             | ETHYLBENZENE  | 2000   | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | VOC       |             | ETHYLBENZENE  | 1700   | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | VOC       |             | ETHYLBENZENE  | 32     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | VOC       |             | ETHYLBENZENE  | 5900   | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | VOC       |             | ETHYLBENZENE  | 2.5    | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | VOC       |             | ETHYLBENZENE  | 3300   | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | VOC       |             | ETHYLBENZENE  | 4      | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | VOC       |             | ETHYLBENZENE  | 31     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | VOC       |             | ETHYLBENZENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | VOC       |             | ETHYLBENZENE  | 24     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | VOC       |             | ETHYLBENZENE  | 110    | ug/kg |            |
| II      | II-67            | SOIL, 67-60     | 5     | VOC       |             | ETHYLBENZENE  | 4      | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | VOC       |             | ETHYLBENZENE  | 1100   | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | VOC       |             | ETHYLBENZENE  | 4700   | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------|--------|-------|------------|
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | ETHYLBENZENE | 720    | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | ETHYLBENZENE | 5800   | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | ETHYLBENZENE | 8300   | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | ETHYLBENZENE | 9800   | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321            | 10    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | ETHYLBENZENE | 400    | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | VOC  |             | ETHYLBENZENE | 2      | mg/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | VOC  |             | ETHYLBENZENE | 2.4    | mg/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | VOC  |             | ETHYLBENZENE | 1.2    | mg/kg |            |
| OWR     | OWR4             | OWR-4             | 4.5   | VOC  |             | ETHYLBENZENE | 1.4    | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | ETHYLBENZENE | 1.3    | mg/kg |            |
| OWR     | OWR6             | OWR-6             | 4.5   | VOC  |             | ETHYLBENZENE | 0.7    | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | ETHYLBENZENE | 2      | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | ETHYLBENZENE | 1100   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | ETHYLBENZENE | 2100   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | ETHYLBENZENE | 7700   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | ETHYLBENZENE | 610    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | ETHYLBENZENE | 3500   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | ETHYLBENZENE | 6000   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | ETHYLBENZENE | 2000   | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | ETHYLBENZENE | 7800   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | ETHYLBENZENE | 980    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | ETHYLBENZENE | 170000 | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | ETHYLBENZENE | 14     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | ETHYLBENZENE | 110    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | ETHYLBENZENE | 2300   | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | ETHYLBENZENE | 40     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | ETHYLBENZENE | 6200   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | ETHYLBENZENE | 1500   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | ETHYLBENZENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC  |             | ETHYLBENZENE | 430    | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC  |             | ETHYLBENZENE | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC  |             | ETHYLBENZENE | 63     | ug/kg | CJ         |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|----------------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 2      | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 1      | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 2.9    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 1.8    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 2.7    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 0.02   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 670    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 0.13   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 260    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | VOC  |             | ETHYLBENZENE                     | 2.9    | mg/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129             | 0     | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132             | 0     | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135             | 0     | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138             | 0     | VOC  |             | ETHYLBENZENE                     | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | ETHYLDIMETHYLBENZENE ISOMERS     | 26     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | ETHYLDIMETHYLBENZENE ISOMERS     | 26     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | ETHYLDIMETHYLBENZENE ISOMERS     | 27     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | ETHYLDIMETHYLNAPHTHALENE ISOMERS | 25     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | ETHYLMETHYLBENZENE ISOMERS       | 6.9    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | ETHYLMETHYLBENZENE ISOMERS       | 8.1    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | ETHYLMETHYLBENZENE ISOMERS       | 32     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | ETHYLMETHYLBENZENE ISOMERS       | 5.3    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | ETHYLMETHYLBENZENE ISOMERS       | 11     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | FLUORANTHENE                     | 110000 | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | FLUORANTHENE                     |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC |             | FLUORANTHENE                     | 330    | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC |             | FLUORANTHENE                     | 630    | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | SVOC |             | FLUORANTHENE                     | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------|--------|-------|------------|
| II      | II-45            | SOIL, 45-180       | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204       | 17    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240       | 20    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | SVOC |             | FLUORANTHENE | 8400   | ug/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | SVOC |             | FLUORANTHENE | 2500   | ug/kg |            |
| II      | II-67            | SOIL, 67-180       | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8         | 8     | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC | 8270C       | FLUORANTHENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | FLUORANTHENE | 100    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | FLUORANTHENE | 100    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | FLUORANTHENE | 170    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | FLUORANTHENE | ND     | ug/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC |             | FLUORANTHENE | 3.2    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | FLUORENE     | 8900   | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | FLUORENE     | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------|--------|-------|------------|
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon-GP8-8'    | 8     | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | FLUORENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | FLUORENE | 2500   | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | FLUORENE | 2100   | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | SVOC |             | FLUORENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | SVOC |             | FLUORENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test      | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|-----------|-------------|---------------------|--------|-------|------------|
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC      | 8270C       | FLUORENE            |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC      |             | FLUORENE            | 350    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC      |             | FLUORENE            | 510    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC      |             | FLUORENE            | 1100   | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC      |             | FLUORENE            | 160    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC      |             | FLUORENE            | 980    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC      |             | FLUORENE            | ND     | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18             |       | SVOC      |             | FLUORENE            | 97     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD            | 17.3  | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3    | 0.2   | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1   | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5   | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240      | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120      | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120      | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID      | Depth | Test      | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|----------------|-------|-----------|-------------|---------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-240   | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60    | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120   | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180   | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166   | 14    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139    | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL  | 0     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91          | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94          | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97          | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178         | 2     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180         | 25    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182         | 16    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184         | 16    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307         | 3     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312         | 7     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317         | 7     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322         | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75          | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | 65     | ug/kg |            |
| RADIAN  | MW-9             | AS-78          | 10    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81          | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84          | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86          | 15    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100         | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103         | 14    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106         | 30    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115         | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118         | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL       | 20    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121         | 21    | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123         | 5     | PESTICIDE |             | GAMMA-BHC (LINDANE) | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127    | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130    | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133    | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134    | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139    | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL  | 0     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91          | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94          | 10    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97          | 15    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178         | 2     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180         | 25    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182         | 16    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184         | 16    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307         | 3     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312         | 7     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317         | 7     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322         | 10    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75          | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78          | 10    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81          | 15    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84          | 20    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86          | 15    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100         | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103         | 14    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106         | 30    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115         | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | 17     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118         | 20    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL       | 20    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121         | 21    | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123         | 5     | PESTICIDE |             | GAMMA-CHLORDANE     | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD         | 17.3  | PESTICIDE |             | HEPTACHLOR          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03 | 0     | PESTICIDE |             | HEPTACHLOR          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|--------------------|--------|-------|------------|
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | HEPTACHLOR         | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|--------------------|--------|-------|------------|
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | HEPTACHLOR EPOXIDE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC      |             | HEXACHLORO BENZENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC      |             | HEXACHLORO BENZENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'   | 16    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'   | 12    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'   | 11    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'    | 8     | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC      | 8270C       | HEXACHLORO BENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------|--------|-------|------------|
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | HEXACHLOROENZENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | HEXACHLOROENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | HEXACHLOROBENZENE   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | HEXACHLOROBENZENE   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | HEXACHLOROBENZENE   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | HEXACHLOROBENZENE   |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | HEXACHLOROBENZENE   | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------|--------|-------|------------|
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | HEXACHLOROBUTADIENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8260B       | HEXACHLOROBUTADIENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | HEXACHLOROBUTADIENE |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------------|--------|-------|------------|
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | SVOC | 8260B       | HEXACHLOROBUTADIENE       |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | HEXACHLOROBUTADIENE       | ND     | ug/kg | TM         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | HEXACHLOROCYCLOPENTADIENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | HEXACHLOROCYCLOPENTADIENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | HEXACHLOROETHANE          |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | HEXACHLOROETHANE          | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte                         | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------------------------------|--------|-------|------------|
| II      | II-58            | SOIL, 58-120       | 10    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240       | 20    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180       | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8         | 8     | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC  | 8270C       | HEXACHLOROETHANE                |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC  |             | HEXACHLOROETHANE                | ND     | ug/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC   |             | HEXANEDIOIC ACID, DIOCTYL ESTER | 700    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | >140   | °F    |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | >140   | °F    |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    | BJ         |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | >140   | °F    |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | >140   | °F    |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    | J          |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | F     |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | >140   | °F    |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | OTHER |             | IGNITABILITY                    | <140   | °F    |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | INDAN                           | 2.2    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------|--------|-------|------------|
| WCC     | WCC-B-7          | WCC-B-7 (BECHTEL) |       | VOC  |             | INDENE                 | 9.8    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'     | 11    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'    | 18    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'    | 20    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'      | 19    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8'       | 8     | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | INDENO(1,2,3-CD)PYRENE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-13            | SOIL, 13-06'      | 0.5   | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06'      | 0.5   | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03'   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30'      | 2.5   | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240'     | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120'     | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240'     | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120'     | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120'     | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240'     | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60'      | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180'     | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350'     | 29    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204'     | 17    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------|--------|-------|------------|
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | INDENO[1,2,3-CD]PYRENE | ND     | ug/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | VOC  |             | ISOCTANOL              | 8.9    | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | ISOCTANOL              | 9.4    | mg/kg |            |
| OWR     | OWR6             | OWR-6             | 4.5   | VOC  |             | ISOCTANOL              | 11     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | ISOPHORONE             | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE-1     | 18.3  | SVOC |             | ISOPHORONE             | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'     | 11    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | ISOPHORONE             |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------|--------|-------|------------|
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | ISOPHORONE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | ISOPHORONE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|-------|-------------|------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-1A      | AS-271           | 4     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE         | 4     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235           | 21    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242           | 15    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232           | 5     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238           | 20    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256           | 15    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244           | 3     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259           | 15    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275           | 20    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102           | 14    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105           | 30    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | SVOC  |             | ISOPHORONE       | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC   | 8260B       | ISOPROPYLBENZENE | 19     | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC   | 8260B       | ISOPROPYLBENZENE | 1200   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC   | 8260B       | ISOPROPYLBENZENE | 1500   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC   | 8260B       | ISOPROPYLBENZENE | 47     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'     | 8     | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC   | 8260B       | ISOPROPYLBENZENE | 11     | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC   | 8260B       | ISOPROPYLBENZENE | 1900   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC   | 8260B       | ISOPROPYLBENZENE | 11     | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC   | 8260B       | ISOPROPYLBENZENE | 2100   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC   | 8260B       | ISOPROPYLBENZENE | 53     | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC   | 8260B       | ISOPROPYLBENZENE | 150    | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC   | 8260B       | ISOPROPYLBENZENE | 1100   | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC   | 8260B       | ISOPROPYLBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC   | 8260B       | ISOPROPYLBENZENE | 1800   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC   | 8260B       | ISOPROPYLBENZENE | 500    | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'     | 12    | VOC   | 8260B       | ISOPROPYLBENZENE | 610    | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'     | 13    | VOC   | 8260B       | ISOPROPYLBENZENE | 1400   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'     | 12    | VOC   | 8260B       | ISOPROPYLBENZENE | 4200   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'     | 12    | VOC   | 8260B       | ISOPROPYLBENZENE | 350    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'     | 19    | VOC   | 8260B       | ISOPROPYLBENZENE | 1400   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'   | 23.5  | VOC   | 8260B       | ISOPROPYLBENZENE | 2700   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'     | 15    | VOC   | 8260B       | ISOPROPYLBENZENE | 790    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'      | 7     | VOC   | 8260B       | ISOPROPYLBENZENE | 3600   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'     | 18    | VOC   | 8260B       | ISOPROPYLBENZENE | 490    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5'  | 11.5  | VOC   | 8260B       | ISOPROPYLBENZENE | 11000  | ug/kg |            |
| E&E     | AW-1             | E&E, AW-1        |       | METAL |             | LEAD             | 880    | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3        |       | METAL |             | LEAD             | 2560   | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'         | 10    | METAL |             | LEAD             | 8.6    | mg/kg |            |
| ESE     | CPT-2            | CPT2-7'          | 7     | METAL |             | LEAD             | 6.9    | mg/kg |            |
| ESE     | CPT-3            | CPT3-8'          | 8     | METAL |             | LEAD             | 5.6    | mg/kg |            |
| ESE     | CPT-4            | CPT4-7'          | 7     | METAL |             | LEAD             | 8.5    | mg/kg |            |
| ESE     | CPT-5            | CPT5-6'          | 6     | METAL |             | LEAD             | 6      | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5'        | 5.5   | METAL |             | LEAD             | 9.4    | mg/kg |            |
| ESE     | CPT-7            | CPT7-8'          | 8     | METAL |             | LEAD             | 1.4    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5'        | 5.5   | METAL |             | LEAD             | 8.4    | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767         | 0     | METAL |             | LEAD             | 1800   | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768         | 1     | METAL |             | LEAD             | 120    | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769         | 0     | METAL |             | LEAD             | 380    | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770         | 0     | METAL |             | LEAD             | 320    | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD           | 17.3  | METAL |             | LEAD             | 9.7    | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | METAL |             | LEAD             | 280    | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | LEAD    | 36     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | LEAD    | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | LEAD    | 39     | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | LEAD    | 14     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | LEAD    | 320    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | LEAD    | 27     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | LEAD    | 7.6    | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | LEAD    | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | LEAD    | 28     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | LEAD    | 440    | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | LEAD    | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | LEAD    | 7.2    | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | LEAD    | 170    | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | LEAD    | 450    | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | LEAD    | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | LEAD    | 140    | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | LEAD    | 1400   | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | LEAD    | 230    | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | LEAD    | 98     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | LEAD    | 830    | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | LEAD    | 870    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | LEAD    | 230    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | LEAD    | 200    | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | LEAD    | 14     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | LEAD    | 12     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | LEAD    | 220    | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | LEAD    | 20     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | LEAD    | 6.9    | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | LEAD    | 4      | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | LEAD    | 21     | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | LEAD    | 76     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | LEAD    | 43     | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | LEAD    | 20     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | LEAD    | 31     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | LEAD    | 67     | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | LEAD    | 1.7    | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | LEAD    | 24     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | LEAD    | 18     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | LEAD    | 11     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | LEAD    | 10     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | LEAD    | 7.9    | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | LEAD    | 10     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | LEAD    | 83     | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | LEAD    | 15     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | LEAD    | 37     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | LEAD    | 11     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | LEAD    | 7.8    | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | LEAD    | 14     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | LEAD    | 5.8    | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | LEAD    | 15     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | LEAD    | 7.9    | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | LEAD    | 4.3    | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | LEAD    | 7.8    | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | LEAD    | 22     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | LEAD    | 10     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | LEAD    | 7.8    | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | LEAD    | 12     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | LEAD    | 42     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | LEAD    | 6.2    | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | LEAD    | 9.6    | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | LEAD    | 9.9    | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | LEAD    | 9      | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | LEAD    | 9.7    | mg/kg |            |
| II      | II-69            | SOIL, 69-120-03    | 10    | METAL |             | LEAD    | 7.7    | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | LEAD    | 13     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | LEAD    | 56     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | LEAD    | 140    | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | LEAD    | 170    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | LEAD    | 120    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | LEAD    | 160    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | LEAD    | 25     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | LEAD    | 280    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | LEAD    | 1200   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | LEAD    | 170    | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | LEAD    | 14     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | LEAD    | 16     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | LEAD    | 120    | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | LEAD    | 180    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | LEAD    | 370    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | LEAD    | 52     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | LEAD    | 48     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | LEAD    | 130    | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | LEAD    | 75     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | LEAD    | 120    | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | LEAD    | 430    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | LEAD    | 130    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | LEAD    | 140    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | LEAD    | 78     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | LEAD    | 160    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | LEAD    | 440    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | LEAD    | 380    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | LEAD    | 790    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | LEAD    | 7.8    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | LEAD    | 6      | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | LEAD    | 640    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | LEAD    | 180    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | LEAD    | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | LEAD    | 9.1    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | LEAD    | 42     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | LEAD    | 22     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | LEAD    | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | LEAD    | 16     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | LEAD    | 4.3    | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | LEAD    | 180    | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | LEAD    | 260    | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | LEAD    | 280    | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL |             | LEAD    | ND     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | LEAD    | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | LEAD    | ND     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | LEAD    | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | LEAD    | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | LEAD    | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | LEAD    | 530    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | LEAD    | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte     | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|-------------|--------|-------|------------|
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | LEAD        | 160    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | LEAD        | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | LEAD        | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | LEAD        | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | LEAD        | 2.1    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | LEAD        | 1.1    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | LEAD        | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | LEAD        | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC   |             | M,P-XYLENE  | 1      | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC   |             | M,P-XYLENE  | 1.5    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC   |             | M,P-XYLENE  | 0.7    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC   |             | M,P-XYLENE  | 1.3    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC   |             | M,P-XYLENE  | 1.3    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC   |             | M,P-XYLENE  | 1.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC   |             | M,P-XYLENE  | 2.1    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 3.5    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 1.9    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 2.8    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 1.5    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 4.3    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 0.03   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 2.5    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 0.06   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | VOC   |             | M,P-XYLENE  | 2.8    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC   | 8260B       | M,P-XYLENES | 8.4    | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC   | 8260B       | M,P-XYLENES | 7800   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC   | 8260B       | M,P-XYLENES | 3900   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC   | 8260B       | M,P-XYLENES | 160    | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11       | 11    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC   | 8260B       | M,P-XYLENES | 5.6    | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC   | 8260B       | M,P-XYLENES | 460    | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC   | 8260B       | M,P-XYLENES | 1300   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC   | 8260B       | M,P-XYLENES | 7200   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC   | 8260B       | M,P-XYLENES | 6.5    | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC   | 8260B       | M,P-XYLENES | 120    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC   | 8260B       | M,P-XYLENES | 1300   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC   | 8260B       | M,P-XYLENES | 3400   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC   | 8260B       | M,P-XYLENES | 2800   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC   | 8260B       | M,P-XYLENES | 4900   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC   | 8260B       | M,P-XYLENES | 21000  | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC   | 8260B       | M,P-XYLENES | 570    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC   | 8260B       | M,P-XYLENES | 4700   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC   | 8260B       | M,P-XYLENES | 15000  | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC   | 8260B       | M,P-XYLENES | 2300   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC   | 8260B       | M,P-XYLENES |        | ug/kg |            |
| E&E     | AW-1             | E&E, AW-1          |       | METAL |             | MERCURY     | 131    | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3          |       | METAL |             | MERCURY     | 37     | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | MERCURY     | 0.028  | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | MERCURY     | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | MERCURY     | 0.023  | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | MERCURY     | 0.021  | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | MERCURY     | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | MERCURY     | 0.082  | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | MERCURY     | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | MERCURY     | 0.036  | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | METAL |             | MERCURY     | 0.12   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | MERCURY     | 0.57   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | MERCURY     | 0.05   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | MERCURY | 0.6    | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | MERCURY | 0.3    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | MERCURY | 1.6    | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | MERCURY | 0.3    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | MERCURY | 0.08   | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | MERCURY | 1.9    | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | MERCURY | 0.1    | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | MERCURY | 0.09   | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | MERCURY | 0.17   | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | MERCURY | 0.3    | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | MERCURY | 0.15   | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | MERCURY | 0.27   | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | MERCURY | 0.31   | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | MERCURY | 0.15   | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | MERCURY | 0.17   | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | MERCURY | 0.29   | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | MERCURY | 0.09   | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | MERCURY | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | MERCURY | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | MERCURY | 0.055  | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | MERCURY | 0.14   | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | MERCURY | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | MERCURY | 0.33   | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | MERCURY | 0.2    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | MERCURY | 0.097  | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | MERCURY | 0.17   | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | MERCURY | 0.41   | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | MERCURY | 0.31   | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | MERCURY | 0.028  | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test      | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-----------|-------------|--------------|--------|-------|------------|
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL     |             | MERCURY      | 0.048  | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL     |             | MERCURY      | 0.045  | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL     |             | MERCURY      | 0.04   | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL     |             | MERCURY      | 0.045  | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL     |             | MERCURY      | 0.78   | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL     |             | MERCURY      | 0.073  | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL     |             | MERCURY      | 0.24   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL     |             | MERCURY      | 0.3    | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL     |             | MERCURY      | 0.06   | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL     |             | MERCURY      | 0.02   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL     |             | MERCURY      | 0.015  | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL     |             | MERCURY      | 0.015  | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL     |             | MERCURY      | 0.015  | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL     |             | MERCURY      | 0.02   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL     |             | MERCURY      | 0.02   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL     |             | MERCURY      | ND     | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3     | 0.2   | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5    | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240       | 20    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180       | 15    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL      | 0     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94              | 10    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178             | 2     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180             | 25    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182             | 16    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184             | 16    | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307             | 3     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312             | 7     | PESTICIDE |             | METHOXYCHLOR | ND     | ug/kg |            |

**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID        | Depth | Test      | Test Method | Analyte                            | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|-----------|-------------|------------------------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-317           | 7     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322           | 10    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169           | 5     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171           | 15    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173           | 25    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75            | 5     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78            | 10    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81            | 15    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84            | 20    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86            | 15    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100           | 5     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103           | 14    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106           | 30    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115           | 5     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118           | 20    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL         | 20    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121           | 21    | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123           | 5     | PESTICIDE |             | METHOXYCHLOR                       | ND     | ug/kg |            |
| OWR     | OWR7             | OWR-7            | 4.5   | VOC       |             | METHYLDECAHYDRONAPHTHALENE ISOMERS | 25     | mg/kg |            |
| E&E     | AW-1             | E&E, AW-1        |       | VOC       |             | METHYLENE CHLORIDE                 | 55     | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3        |       | VOC       |             | METHYLENE CHLORIDE                 | 30     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'    | 11    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'     | 8     | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC       | 8260B       | METHYLENE CHLORIDE                 |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60      | 5     | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180     | 15    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120     | 10    | VOC       |             | METHYLENE CHLORIDE                 | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|--------------------|--------|-------|------------|
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | METHYLENE CHLORIDE | 59     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | METHYLENE CHLORIDE | 61     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | METHYLENE CHLORIDE | 47     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 10    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 110    | mg/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 7.8    | mg/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 12     | mg/kg |            |
| OWR     | OWR4             | OWR-4             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 7.3    | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 10     | mg/kg |            |
| OWR     | OWR6             | OWR-6             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 34     | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | VOC  |             | METHYLENE CHLORIDE | 7.8    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | METHYLENE CHLORIDE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | METHYLENE CHLORIDE | 3      | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | METHYLENE CHLORIDE | 2      | ug/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | METHYLENE CHLORIDE | 2      | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | METHYLENE CHLORIDE | 2      | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | METHYLENE CHLORIDE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte                     | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|-----------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | METHYLENE CHLORIDE          | 61     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | METHYLENE CHLORIDE          | 3      | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC   |             | METHYLENE CHLORIDE          | ND     | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | VOC   |             | METHYLENE CHLORIDE          | 1.4    | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | METHYLINDAN                 | 1.1    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC   |             | METHYLINDANE ISOMERS        | 17     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | METHYLNAPHTHALENE           | 0.88   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC   |             | METHYLNAPHTHALENE ISOMERS   | 12     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | VOC   |             | METHYLNAPHTHALENE ISOMERS   | 210    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC   |             | METHYLNAPHTHALENE ISOMERS   | 0.02   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC   |             | METHYLPROPYLBENZENE ISOMERS | 12     | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | MOLYBDENUM                  | 1.9    | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | MOLYBDENUM                  | 4.1    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | MOLYBDENUM                  | 6      | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | MOLYBDENUM                  | 4      | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | MOLYBDENUM                  | 2.1    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | MOLYBDENUM                  | 6.3    | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | MOLYBDENUM                  | 1.2    | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | MOLYBDENUM                  | 0.88   | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | MOLYBDENUM                  | 0.72   | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | MOLYBDENUM                  | 1.9    | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | MOLYBDENUM                  | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | MOLYBDENUM                  | 0.92   | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | MOLYBDENUM                  | 0.84   | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | MOLYBDENUM                  | 0.66   | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID   | Depth | Test  | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-------------|-------|-------|-------------|------------|--------|-------|------------|
| RADIAN  | LS-4             | LS4, AS-134 | 0     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139 | 0     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91       | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-94       | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97       | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179      | 2     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-181      | 25    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-183      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-185      | 16    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-308      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-313      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-170      | 5     | METAL |             | MOLYBDENUM | 0.79   | mg/kg |            |
| RADIAN  | MW-4             | AS-172      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174      | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75       | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-78       | 10    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81       | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84       | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86       | 15    | METAL |             | MOLYBDENUM | 0.67   | mg/kg |            |
| OWR     | OWR1             | OWR-1       | 4.5   | METAL |             | MOLYBDENUM | 3.6    | mg/kg |            |
| OWR     | OWR2             | OWR-2       | 4.5   | METAL |             | MOLYBDENUM | 3.5    | mg/kg |            |
| OWR     | OWR3             | OWR-3       | 4.5   | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4       | 4.5   | METAL |             | MOLYBDENUM | 2.6    | mg/kg |            |
| OWR     | OWR5             | OWR-5       | 4.5   | METAL |             | MOLYBDENUM | 4.5    | mg/kg |            |
| OWR     | OWR6             | OWR-6       | 4.5   | METAL |             | MOLYBDENUM | 2.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7       | 4.5   | METAL |             | MOLYBDENUM | 2      | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287      | 7     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291      | 10    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263      | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272      | 4     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236      | 21    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233      | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239      | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273      | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100      | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103      | 14    | METAL |             | MOLYBDENUM | 0.62   | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106      | 30    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115      | 5     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118      | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121      | 21    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123      | 30    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145      | 0     | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251      | 3     | METAL |             | MOLYBDENUM | ND     | mg/kg | J          |
| RADIAN  | RADIAN-B-8       | AS-254      | 15    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266      | 20    | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11       |       | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18       |       | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1        | 0.25  | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6        | 0.25  | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9        | 0.25  | METAL |             | MOLYBDENUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-90       | 5     | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93       | 10    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96       | 15    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169      | 5     | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171      | 15    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171      | 15    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173      | 25    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74       | 5     | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77       | 10    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80       | 15    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83       | 20    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87       | 15    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102      | 14    | VOC   |             | M-XYLENE   | 910    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105      | 30    | VOC   |             | M-XYLENE   | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte     | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------|--------|-------|------------|
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | M-XYLENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | M-XYLENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | M-XYLENE    | 27000  | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | M-XYLENE    | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126          | 0     | VOC  |             | M-XYLENE    | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129          | 0     | VOC  |             | M-XYLENE    | 560    | ug/kg | C          |
| WCC     | WCC-L-3          | AS-132          | 0     | VOC  |             | M-XYLENE    | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135          | 0     | VOC  |             | M-XYLENE    | 1000   | ug/kg | CJ         |
| WCC     | WCC-L-5          | AS-138          | 0     | VOC  |             | M-XYLENE    | 650    | ug/kg | CJ         |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | NAPHTHALENE | 32000  | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8260B       | NAPHTHALENE | 15     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8260B       | NAPHTHALENE | 4300   | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8260B       | NAPHTHALENE | 4600   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8260B       | NAPHTHALENE | 14     | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8260B       | NAPHTHALENE | 2600   | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8260B       | NAPHTHALENE | 41     | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8260B       | NAPHTHALENE | 4300   | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8260B       | NAPHTHALENE | 17     | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8260B       | NAPHTHALENE | 9900   | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8260B       | NAPHTHALENE | 90     | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | NAPHTHALENE | 370    | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8260B       | NAPHTHALENE | 3100   | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8260B       | NAPHTHALENE | 1900   | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8260B       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | SVOC | 8260B       | NAPHTHALENE | 4300   | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8260B       | NAPHTHALENE | 3200   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte     | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------|--------|-------|------------|
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | NAPHTHALENE | 4100   | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | NAPHTHALENE | 220    | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | NAPHTHALENE | 9000   | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | NAPHTHALENE | 7800   | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | NAPHTHALENE | 20000  | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | NAPHTHALENE | 11000  | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | NAPHTHALENE | 11000  | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | NAPHTHALENE | 6900   | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | NAPHTHALENE | 100    | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | NAPHTHALENE | 14000  | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | NAPHTHALENE | 11000  | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | NAPHTHALENE | 1100   | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | NAPHTHALENE | 8000   | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | NAPHTHALENE | 10000  | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1             | 4.5   | SVOC |             | NAPHTHALENE | 15     | mg/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | SVOC |             | NAPHTHALENE | 6.9    | mg/kg |            |
| OWR     | OWR3             | OWR-3             | 4.5   | SVOC |             | NAPHTHALENE | 6.3    | mg/kg |            |
| OWR     | OWR4             | OWR-4             | 4.5   | SVOC |             | NAPHTHALENE | 4.2    | mg/kg |            |
| OWR     | OWR5             | OWR-5             | 4.5   | SVOC |             | NAPHTHALENE | 8.2    | mg/kg |            |
| OWR     | OWR6             | OWR-6             | 4.5   | SVOC |             | NAPHTHALENE | 7.4    | mg/kg |            |
| OWR     | OWR7             | OWR-7             | 4.5   | SVOC |             | NAPHTHALENE | 7      | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8260B       | NAPHTHALENE | 1700   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | NAPHTHALENE | 7600   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8260B       | NAPHTHALENE | 5000   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8260B       | NAPHTHALENE | 67000  | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | NAPHTHALENE | 45000  | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8260B       | NAPHTHALENE | 960    | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8260B       | NAPHTHALENE | 8200   | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | SVOC | 8260B       | NAPHTHALENE | 17000  | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | SVOC | 8260B       | NAPHTHALENE | 2700   | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | SVOC | 8260B       | NAPHTHALENE | 7800   | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8260B       | NAPHTHALENE | 1400   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | NAPHTHALENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | NAPHTHALENE | 300000 | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | NAPHTHALENE | 240000 | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | NAPHTHALENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|----------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | NAPHTHALENE    | 4700   | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | NAPHTHALENE    | 4800   | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | NAPHTHALENE    | 1400   | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | NAPHTHALENE    | 4800   | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | NAPHTHALENE    | 570    | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | NAPHTHALENE    | 4600   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | NAPHTHALENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | SVOC |             | NAPHTHALENE    | 180    | ug/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | SVOC |             | NAPHTHALENE    | 4.7    | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | SVOC |             | NAPHTHALENE    | 14     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 5.7    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 3.9    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 8.2    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 7.1    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 1.0    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.20   | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 6.1    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 13     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.6    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.12   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.7    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 6.3    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.23   | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 0.04   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 7.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 110    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 1      | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 78     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 24     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC |             | NAPHTHALENE    | 8.2    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | N-BUTYLBENZENE | 32     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | N-BUTYLBENZENE | 1700   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | N-BUTYLBENZENE | 11     | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | N-BUTYLBENZENE | 390    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC  | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------------|--------|-------|------------|
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC   | 8260B       | N-BUTYLBENZENE | 2000   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC   | 8260B       | N-BUTYLBENZENE | 710    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC   | 8260B       | N-BUTYLBENZENE | 3700   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC   | 8260B       | N-BUTYLBENZENE | 520    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC   | 8260B       | N-BUTYLBENZENE |        | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | NICKEL         | 17     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | NICKEL         | 14     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | NICKEL         | 13     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | NICKEL         | 15     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | NICKEL         | 11     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | NICKEL         | 24     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | NICKEL         | 2.6    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | NICKEL         | 19     | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767           | 0     | METAL |             | NICKEL         | 50     | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768           | 1     | METAL |             | NICKEL         | 24     | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769           | 0     | METAL |             | NICKEL         | 130    | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770           | 0     | METAL |             | NICKEL         | 35     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | NICKEL         | 39     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | NICKEL         | 11     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | NICKEL         | 0.84   | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | NICKEL         | 21     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | NICKEL         | 15     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | NICKEL         | 20     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | NICKEL         | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | NICKEL         | 10     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | NICKEL         | 35     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | NICKEL         | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | NICKEL         | 21     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | NICKEL         | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | NICKEL         | 46     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | NICKEL         | 39     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | NICKEL         | 53     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | NICKEL         | 41     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | NICKEL         | 52     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | NICKEL         | 15     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | NICKEL         | 30     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | NICKEL         | 23     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | NICKEL         | 24     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | NICKEL         | 22     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | NICKEL         | 8.8    | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | NICKEL         | 7.2    | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | NICKEL         | 13     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | NICKEL         | 12     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | NICKEL         | 33     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | NICKEL         | 36     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | NICKEL         | 20     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | NICKEL         | 13     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | NICKEL         | 18     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | NICKEL         | 18     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | NICKEL         | 19     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | NICKEL         | 29     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | NICKEL         | 19     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | NICKEL         | 16     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | NICKEL         | 39     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | NICKEL         | 22     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | NICKEL         | 23     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | NICKEL         | 18     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | NICKEL         | 50     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | NICKEL         | 14     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | NICKEL         | 11     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | NICKEL         | 19     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | NICKEL         | 28     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | NICKEL         | 26     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | NICKEL         | 12     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | NICKEL         | 17     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | NICKEL         | 21     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | NICKEL         | 22     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | NICKEL  | 12     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | NICKEL  | 18     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | NICKEL  | 95     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | NICKEL  | 91     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | NICKEL  | 100    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | NICKEL  | 77     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | NICKEL  | 11     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | NICKEL  | 17     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | NICKEL  | 3.8    | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | NICKEL  | 1.5    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | NICKEL  | 21     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | NICKEL  | 14     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | NICKEL  | 14     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | NICKEL  | 20     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | NICKEL  | 23     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | NICKEL  | 23     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | NICKEL  | 18     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | NICKEL  | 9      | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | NICKEL  | 12     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | NICKEL  | 12     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | NICKEL  | 11     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | NICKEL  | 19     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | NICKEL  | 20     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | NICKEL  | 3.7    | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | NICKEL  | 8.3    | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | NICKEL  | 5.5    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | NICKEL  | 71     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | NICKEL  | 86     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | NICKEL  | 41     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | NICKEL  | 70     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | NICKEL  | 79     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | NICKEL  | 38     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | NICKEL  | 33     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | NICKEL  | 11     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | NICKEL  | 14     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | NICKEL  | 16     | mg/kg | J          |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | NICKEL  | 16     | mg/kg | BJ         |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | NICKEL  | 14     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | NICKEL  | 17     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | NICKEL  | 26     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | NICKEL  | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | NICKEL  | 19     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | NICKEL  | 33     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | NICKEL  | 22     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | NICKEL  | 20     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | NICKEL  | 12     | mg/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | NICKEL  | 14     | mg/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | NICKEL  | 21     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | NICKEL  | 10     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | NICKEL  | 18     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | NICKEL  | 2.2    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | NICKEL  | 12     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | NICKEL  | 7.1    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | NICKEL  | 27     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | NICKEL  | 2.2    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | NICKEL  | 4.9    | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | NICKEL  | 11     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | NICKEL  | 13     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | NICKEL  | 3      | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | NICKEL  | 21     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | NICKEL  | 14     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | NICKEL  | 19     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | NICKEL  | 19     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | NICKEL  | 34     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | NICKEL  | 21     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | NICKEL  | 14     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | NICKEL  | 26     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | NICKEL  | 7      | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | NICKEL  | 30     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | NICKEL  | 140    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | NICKEL  | 22     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | NICKEL  | 16     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | NICKEL  | 30     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|--------------|--------|-------|------------|
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | NICKEL       | 23     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | NICKEL       | 23     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | NICKEL       | 9.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | NICKEL       | 20     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | NICKEL       | 5.3    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | NICKEL       | 130    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | NICKEL       | 45     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | METAL | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC  | 8270C       | NITROBENZENE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120       | 10    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120       | 10    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120       | 10    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240       | 20    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350       | 29    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204       | 17    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | SVOC  |             | NITROBENZENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-----------------|--------|-------|------------|
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg | TM         |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | NITROBENZENE    |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | NITROBENZENE    | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | NITROBENZENE-D5 |        | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|----------------------------|--------|-------|------------|
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | NITROBENZENE-D5            |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                    | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------------------|--------|-------|------------|
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | N-NITROSO-DI-N-PROPYLAMINE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 10    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294            | 3     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE          | 4     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235            | 21    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232            | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | SVOC |             | N-NITROSO-DI-N-PROPYLAMINE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | SVOC |             | N-NITROSODIPHENYLAMINE     | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | SVOC |             | N-NITROSODIPHENYLAMINE     | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE     |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------|--------|-------|------------|
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|------------------------|--------|-------|------------|
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'  | 14.5  | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'   | 11    | SVOC | 8270C       | N-NITROSODIPHENYLAMINE |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282          | 3     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286          | 7     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290          | 10    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294          | 3     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262          | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268          | 3     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271          | 4     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE        | 4     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235          | 21    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242          | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232          | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238          | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256          | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244          | 3     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259          | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275          | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102          | 14    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105          | 30    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | SVOC |             | N-NITROSODIPHENYLAMINE | 680    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | SVOC |             | N-NITROSODIPHENYLAMINE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | N-PROPYLBENZENE        | 19     | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | N-PROPYLBENZENE        | 2100   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | N-PROPYLBENZENE        | 2300   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | N-PROPYLBENZENE        | 50     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | N-PROPYLBENZENE        | 460    | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'    | 8     | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | N-PROPYLBENZENE        | 15     | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | N-PROPYLBENZENE        | 3100   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | N-PROPYLBENZENE        | 19     | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | N-PROPYLBENZENE        | 3000   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | N-PROPYLBENZENE        | 49     | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | N-PROPYLBENZENE        | 200    | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | N-PROPYLBENZENE        |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | N-PROPYLBENZENE        | 570    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | N-PROPYLBENZENE        | 3      | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | N-PROPYLBENZENE        | 3100   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | N-PROPYLBENZENE        | 1200   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC  | 8260B       | N-PROPYLBENZENE        | 1000   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC  | 8260B       | N-PROPYLBENZENE        | 2600   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC  | 8260B       | N-PROPYLBENZENE        | 7200   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC  | 8260B       | N-PROPYLBENZENE        | 600    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC  | 8260B       | N-PROPYLBENZENE        | 2400   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC  | 8260B       | N-PROPYLBENZENE        | 4000   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC  | 8260B       | N-PROPYLBENZENE        | 1300   | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC  | 8260B       | N-PROPYLBENZENE        | 6900   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC  | 8260B       | N-PROPYLBENZENE        | 770    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC  | 8260B       | N-PROPYLBENZENE        | 20000  | ug/kg |            |
| OWR     | OWR2             | OWR-2           | 4.5   | VOC  |             | OCTAHYDROINDENE        | 16     | mg/kg |            |
| OWR     | OWR3             | OWR-3           | 4.5   | VOC  |             | OCTAHYDROINDENE        | 17     | mg/kg |            |
| OWR     | OWR4             | OWR-4           | 4.5   | VOC  |             | OCTAHYDROINDENE        | 12     | mg/kg |            |
| OWR     | OWR5             | OWR-5           | 4.5   | VOC  |             | OCTAHYDROINDENE        | 31     | mg/kg |            |
| OWR     | OWR6             | OWR-6           | 4.5   | VOC  |             | OCTAHYDROINDENE        | 29     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|-----------------|--------|-------|------------|
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 18     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 8.1    | mg/kg | TM         |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 16     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 27     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 0.05   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | OCTAHYDROINDENE | 0.26   | mg/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | TPH  |             | OIL             | 9      | % WT  |            |
| SE      | SE-B-1           | SE, B-1            |       | TPH  |             | OIL             | 12.8   | % WT  |            |
| SE      | SE-B-1           | SE, B-1            |       | TPH  |             | OIL             | 1.23   | % WT  |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | TPH  |             | OIL & GREASE    | 150    | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | TPH  |             | OIL & GREASE    | 5000   | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | TPH  |             | OIL & GREASE    | 20000  | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | TPH  |             | OIL & GREASE    | 3000   | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 18050  | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 220    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 6250   | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 453    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 10250  | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 2400   | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 10120  | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 820    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 4850   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 4850   | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 5215   | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 200    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 6300   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 9960   | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 820    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | TPH  |             | OIL & GREASE    | 6250   | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | O-XYLENE        | 4      | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | O-XYLENE        | 4200   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | O-XYLENE        | 350    | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | O-XYLENE        | 2.8    | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | O-XYLENE        | 530    | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | O-XYLENE        | 8.9    | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | O-XYLENE        | 3.4    | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | O-XYLENE        | 4      | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | O-XYLENE        | 18     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | O-XYLENE        | 4      | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | O-XYLENE        | 400    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC  | 8260B       | O-XYLENE        |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC  | 8260B       | O-XYLENE        | 1700   | ug/kg |            |
| RADIAN  | MW-13            | AS-90              | 5     | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93              | 10    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96              | 15    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169             | 5     | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173             | 25    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74              | 5     | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77              | 10    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80              | 15    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83              | 20    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87              | 15    | VOC  |             | O-XYLENE        | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | O-XYLENE        | 0.8    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | O-XYLENE        | 1.1    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | O-XYLENE        | 0.8    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | O-XYLENE        | 1.7    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | O-XYLENE        | 1.2    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | O-XYLENE        | 2.5    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|----------|--------|-------|------------|
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | O-XYLENE | 3.4    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | O-XYLENE | 1600   | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | O-XYLENE | 2200   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | O-XYLENE | 13000  | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | O-XYLENE | 370    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | O-XYLENE | 3300   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | O-XYLENE | 5700   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | O-XYLENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | O-XYLENE | 950    | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | O-XYLENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | O-XYLENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | O-XYLENE | 13000  | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | O-XYLENE | 3.1    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | O-XYLENE | 1.6    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | O-XYLENE | 2.7    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | VOC  |             | O-XYLENE | 1.5    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | O-XYLENE | 4.5    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | O-XYLENE | 0.04   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | VOC  |             | O-XYLENE | 1.2    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | VOC  |             | O-XYLENE | 2.7    | mg/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129             | 0     | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| WCC     | WCC-L-3          | AS-132             | 0     | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135             | 0     | VOC  |             | O-XYLENE | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138             | 0     | VOC  |             | O-XYLENE | 160    | ug/kg | CJ         |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4     | 0     | PCB  |             | PCB      | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | PCB  |             | PCB      | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------|--------|-------|------------|
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID    | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------|-------|------|-------------|---------|--------|-------|------------|
| II      | II-46            | SOIL, 46-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240 | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60  | 5     | PCB  |             | PCB     | 88     | ug/kg |            |
| II      | II-56            | SOIL, 56-180 | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180 | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180 | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180 | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180 | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350 | 29    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120 | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82  | 7     | PCB  |             | PCB     | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID     | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|---------------|-------|------|-------------|---------|--------|-------|------------|
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204  | 17    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240  | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60   | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120  | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180  | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166  | 14    | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4' | 4     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' | 5     | PCB  |             | PCB     | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------|--------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | 8400   | ug/kg | J          |
| RADIAN  | LS-2             | LS2, AS-130       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133       | 0     | PCB  |             | PCB     | 13000  | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139       | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL     | 0     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg | CJ         |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91             | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94             | 10    | PCB  |             | PCB     | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------|-------|------|-------------|---------|--------|-------|------------|
| RADIAN  | MW-13            | AS-94     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg | CJ         |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178    | 2     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184    | 16    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-307    | 3     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317    | 7     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322    | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169    | 5     | PCB  |             | PCB     | 91     | ug/kg |            |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------|-------|------|-------------|---------|--------|-------|------------|
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg | C          |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171    | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg | J          |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg | C          |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173    | 25    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75     | 5     | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg | C          |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78     | 10    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84     | 20    | PCB  |             | PCB     | ND     | ug/kg | J          |
| RADIAN  | MW-9             | AS-86     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86     | 15    | PCB  |             | PCB     | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1     | 4.5   | PCB  |             | PCB     | 2.3    | mg/kg |            |
| OWR     | OWR1             | OWR-1     | 4.5   | PCB  |             | PCB     | 9.4    | mg/kg |            |
| OWR     | OWR1             | OWR-1     | 4.5   | PCB  |             | PCB     | 5.5    | mg/kg |            |
| OWR     | OWR1             | OWR-1     | 4.5   | PCB  |             | PCB     | 3.1    | mg/kg |            |
| OWR     | OWR2             | OWR-2     | 4.5   | PCB  |             | PCB     | 3      | mg/kg |            |
| OWR     | OWR2             | OWR-2     | 4.5   | PCB  |             | PCB     | 10     | mg/kg |            |
| OWR     | OWR2             | OWR-2     | 4.5   | PCB  |             | PCB     | 6.1    | mg/kg |            |
| OWR     | OWR2             | OWR-2     | 4.5   | PCB  |             | PCB     | 3.3    | mg/kg |            |
| OWR     | OWR3             | OWR-3     | 4.5   | PCB  |             | PCB     | 2.2    | mg/kg |            |
| OWR     | OWR3             | OWR-3     | 4.5   | PCB  |             | PCB     | 8.6    | mg/kg |            |
| OWR     | OWR3             | OWR-3     | 4.5   | PCB  |             | PCB     | 5.2    | mg/kg |            |
| OWR     | OWR3             | OWR-3     | 4.5   | PCB  |             | PCB     | 3.2    | mg/kg |            |
| OWR     | OWR4             | OWR-4     | 4.5   | PCB  |             | PCB     | 2.7    | mg/kg |            |
| OWR     | OWR4             | OWR-4     | 4.5   | PCB  |             | PCB     | 9.5    | mg/kg |            |
| OWR     | OWR4             | OWR-4     | 4.5   | PCB  |             | PCB     | 5.4    | mg/kg |            |
| OWR     | OWR4             | OWR-4     | 4.5   | PCB  |             | PCB     | 2.9    | mg/kg |            |
| OWR     | OWR5             | OWR-5     | 4.5   | PCB  |             | PCB     | 1.6    | mg/kg |            |
| OWR     | OWR5             | OWR-5     | 4.5   | PCB  |             | PCB     | 5.2    | mg/kg |            |
| OWR     | OWR5             | OWR-5     | 4.5   | PCB  |             | PCB     | 3.2    | mg/kg |            |
| OWR     | OWR5             | OWR-5     | 4.5   | PCB  |             | PCB     | 1.1    | mg/kg |            |
| OWR     | OWR6             | OWR-6     | 4.5   | PCB  |             | PCB     | 1.6    | mg/kg |            |
| OWR     | OWR6             | OWR-6     | 4.5   | PCB  |             | PCB     | 4.2    | mg/kg |            |
| OWR     | OWR6             | OWR-6     | 4.5   | PCB  |             | PCB     | 6.1    | mg/kg |            |
| OWR     | OWR6             | OWR-6     | 4.5   | PCB  |             | PCB     | 1.2    | mg/kg |            |
| OWR     | OWR7             | OWR-7     | 4.5   | PCB  |             | PCB     | ND     | mg/kg |            |
| OWR     | OWR7             | OWR-7     | 4.5   | PCB  |             | PCB     | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 30    | PCB  |             | PCB               | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------|--------|-------|------------|
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | PENTACHLOROPHENOL | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | PENTACHLOROPHENOL |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte                      | Result   | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------------------------|----------|-------|------------|
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC  | 8270C       | PENTACHLOROPHENOL            |          | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg | BJ         |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC  |             | PENTACHLOROPHENOL            | ND       | ug/kg |            |
| DOHS    | DOHS-768         | DOHS-768           | 1     | TPH   |             | PETROLEUM DISTILLATE - TRACE | 0        |       |            |
| DOHS    | DOHS-660         | DOHS-660           | 0     | OTHER |             | PH                           | 7.3      |       |            |
| DOHS    | DOHS-661         | DOHS-661           | 0     | OTHER |             | PH                           | 8.2      |       |            |
| DOHS    | DOHS-662         | DOHS-662           | 0     | OTHER |             | PH                           | 7.2      |       |            |
| DOHS    | DOHS-663         | DOHS-663           | 0     | OTHER |             | PH                           | 7.2      |       |            |
| DOHS    | DOHS-664         | DOHS-664           | 0     | OTHER |             | PH                           | 7.9      |       |            |
| DOHS    | DOHS-665         | DOHS-665           | 0     | OTHER |             | PH                           | 7.9      |       |            |
| DOHS    | DOHS-667         | DOHS-667           | 3     | OTHER |             | PH                           | 7.8      |       |            |
| DOHS    | DOHS-668         | DOHS-668           | 0     | OTHER |             | PH                           | 8.5      |       |            |
| DOHS    | DOHS-770         | DOHS-770           | 0     | OTHER |             | PH                           | 8.2      |       |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | OTHER |             | PH                           | 8.3      | NA    |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | OTHER |             | PH                           | 8.5      | NA    |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | OTHER |             | PH                           | 7.3      | NA    |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | OTHER |             | PH                           | 7.9      | NA    |            |
| II      | II-34            | WASTE, 34-01 #1    | 0     | OTHER |             | PH                           | 8.1      | NA    |            |
| II      | II-43            | SOIL, 43-120       | 10    | OTHER |             | PH                           | 9.4      | NA    |            |
| II      | II-44            | SOIL, 44-120       | 10    | OTHER |             | PH                           | 9.3      | NA    |            |
| II      | II-44            | SOIL, 44-180       | 15    | OTHER |             | PH                           | 8.7      | NA    |            |
| II      | II-45            | SOIL, 45-60        | 5     | OTHER |             | PH                           | 8.7      | NA    |            |
| II      | II-48            | SOIL, 48-60        | 5     | OTHER |             | PH                           | 8.3      | NA    |            |
| II      | II-66            | SOIL, 66-180       | 15    | OTHER |             | PH                           | 8.7      | NA    |            |
| II      | II-66            | SOIL, 66-240       | 20    | OTHER |             | PH                           | 9.8      | NA    |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | OTHER |             | PH                           | 11       | NA    |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | OTHER |             | PH                           | 8.3      |       |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | OTHER |             | PH                           | 8.3      |       |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | OTHER |             | PH                           | 9.7      |       |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | OTHER |             | PH                           | 9.5      |       |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | OTHER |             | PH                           | 9.3      |       |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | OTHER |             | PH                           | 8.9      |       |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | OTHER |             | PH                           | 8.0      |       |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | OTHER |             | PH                           | 8.9      |       |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | OTHER |             | PH                           | 8.5      |       |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | OTHER |             | PH                           | 9.5      |       |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | OTHER |             | PH                           | 8.8      |       |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | OTHER |             | PH                           | 7.1      |       |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | OTHER |             | PH                           | 9.2      |       |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | OTHER |             | PH                           | 8.6      |       |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | OTHER |             | PH                           | 9        |       |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | OTHER |             | PH                           | 10.2     |       |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | OTHER |             | PH                           | 7.6      |       |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC  |             | PHENANTHRENE                 | 25000    | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC  |             | PHENANTHRENE                 | 21000000 | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC  | 8270C       | PHENANTHRENE                 |          | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC  | 8270C       | PHENANTHRENE                 |          | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC  | 8270C       | PHENANTHRENE                 |          | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte      | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|--------------|--------|-------|------------|
| PNL     | GP-04            | Ascon-GP4-16    | 16    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP7-8     | 17    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | SVOC | 8270C       | PHENANTHRENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | SVOC | 8270C       | PHENANTHRENE | 3300   | ug/kg |            |
| II      | II-13            | SOIL, 13-06     | 0.5   | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | SVOC |             | PHENANTHRENE | 2300   | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | SVOC |             | PHENANTHRENE | 6500   | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | SVOC |             | PHENANTHRENE | 4000   | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | SVOC |             | PHENANTHRENE | 7200   | ug/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | SVOC |             | PHENANTHRENE | 5300   | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | SVOC |             | PHENANTHRENE | 11000  | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | SVOC |             | PHENANTHRENE | 530    | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | SVOC |             | PHENANTHRENE | 5800   | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | SVOC |             | PHENANTHRENE | 56     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | SVOC |             | PHENANTHRENE | 180000 | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | SVOC |             | PHENANTHRENE | 70000  | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | SVOC |             | PHENANTHRENE | 490    | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'   | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'   | 4     | SVOC |             | PHENANTHRENE | 7300   | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'   | 5     | SVOC |             | PHENANTHRENE | ND     | ug/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte      | Result  | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------|---------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | SVOC |             | PHENANTHRENE | 12000   | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | SVOC |             | PHENANTHRENE | 15000   | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8270C       | PHENANTHRENE | 27000   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'       | 19    | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8'        | 8     | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8270C       | PHENANTHRENE |         | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC | 8270C       | PHENANTHRENE | 1700000 | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282             | 3     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | PHENANTHRENE | ND      | ug/kg | BJ         |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | PHENANTHRENE | 3100    | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | PHENANTHRENE | 2600    | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | PHENANTHRENE | 1900    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | PHENANTHRENE | 3000    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | PHENANTHRENE | 510     | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | PHENANTHRENE | 78      | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | PHENANTHRENE | 170     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | PHENANTHRENE | 2600    | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | PHENANTHRENE | 610     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | PHENANTHRENE | ND      | ug/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | SVOC |             | PHENANTHRENE | 400     | ug/kg |            |
| SE      | SE-B-1           | SE, B-1            |       | SVOC |             | PHENANTHRENE | 3.5     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | SVOC |             | PHENANTHRENE | 17      | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 4.1     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 0.7     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 7.5     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 0.2     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 0.4     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 0.2     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 3.2     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 310     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC |             | PHENANTHRENE | 12      | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | PHENOL       | ND      | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | PHENOL       | ND      | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | PHENOL       |         | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------|--------|-------|------------|
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | PHENOL  |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | PHENOL  | 160    | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-286            | 7     | SVOC |             | PHENOL  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-290            | 15    | SVOC |             | PHENOL  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC |             | PHENOL             | 98     | ug/kg | J          |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC |             | PHENOL             | 87     | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC |             | PHENOL             | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC. B-7 (BECHTEL) |       | SVOC |             | PHENOL             | 0.8    | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'      | 11    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18'     | 18    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'       | 19    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'     | 21.5  | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'     | 14.5  | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8'        | 8     | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'      | 11    | SVOC | 8270C       | PHENOL-D6          |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 2100   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 2000   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 21     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'       | 8     | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 3.5    | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte            | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------------|--------|-------|------------|
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 2300   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 12     | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 2600   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 23     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 240    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5    | 17.5  | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 1900   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20      | 20    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 1600   | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 980    | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 1600   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 5600   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 530    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 1900   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 3400   | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | P-ISOPROPYLTOLUENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 2600   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 230    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | P-ISOPROPYLTOLUENE | 3900   | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | PROPYLBENZENE      | 2.6    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | PROPYLBENZENE      | 1.6    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | PROPYLBENZENE      | 1.7    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | PROPYLBENZENE      | 2.1    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | PROPYLBENZENE      | 1.1    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | PROPYLBENZENE      | 1.2    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | PROPYLBENZENE      | 7.7    | mg/kg |            |
| RADIAN  | MW-13            | AS-90              | 5     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93              | 10    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96              | 15    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169             | 5     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173             | 25    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74              | 5     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77              | 10    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80              | 15    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83              | 20    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87              | 15    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | P-XYLENE           | 390    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| WCC     | WCC-L-2          | AS-129             | 0     | VOC  |             | P-XYLENE           | 56     | ug/kg | C          |
| WCC     | WCC-L-3          | AS-132             | 0     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| WCC     | WCC-L-4          | AS-135             | 0     | VOC  |             | P-XYLENE           | 390    | ug/kg | CJ         |
| WCC     | WCC-L-5          | AS-138             | 0     | VOC  |             | P-XYLENE           | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | SVOC |             | PYRENE             | 9000   | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | SVOC |             | PYRENE             | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | SVOC | 8270C       | PYRENE             |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------|--------|-------|------------|
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| II      | II-13            | SOIL, 13-06       | 0.5   | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03    | 0     | SVOC |             | PYRENE  | 370    | ug/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | SVOC |             | PYRENE  | 1000   | ug/kg |            |
| II      | II-29            | WASTE, 29-02 #4   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-02 #4   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-01 #3   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-34            | WASTE, 34-02 #1   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-36            | WASTE, 36-02 #5   | 0     | SVOC |             | PYRENE  | 14000  | ug/kg |            |
| II      | II-38            | WASTE, 38-01 #5   | 0     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-120      | 10    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60       | 5     | SVOC |             | PYRENE  | 90     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120      | 10    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120      | 10    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240      | 20    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350      | 29    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-57            | SOIL, 57-204      | 17    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | SVOC |             | PYRENE  | 350    | ug/kg |            |
| II      | II-64            | SOIL, 64-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240      | 20    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | SVOC |             | PYRENE  | 4000   | ug/kg |            |
| II      | II-67            | SOIL, 67-120      | 10    | SVOC |             | PYRENE  | 1300   | ug/kg |            |
| II      | II-67            | SOIL, 67-180      | 15    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | SVOC |             | PYRENE  | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | PYRENE  |        | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-282            | 3     | SVOC |             | PYRENE  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte          | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-11      | AS-286             | 7     | SVOC  |             | PYRENE           | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-11      | AS-290             | 10    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-294             | 3     | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | SVOC  |             | PYRENE           | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | SVOC  |             | PYRENE           | 3600   | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271RE           | 4     | SVOC  |             | PYRENE           | 5800   | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-235             | 21    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | SVOC  |             | PYRENE           | 310    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-232             | 5     | SVOC  |             | PYRENE           | 380    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | SVOC  |             | PYRENE           | 550    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | SVOC  |             | PYRENE           | 100    | ug/kg | J          |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | SVOC  |             | PYRENE           | 110    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | SVOC  |             | PYRENE           | 210    | ug/kg | BJ         |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | SVOC  |             | PYRENE           | ND     | ug/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | SVOC  |             | PYRENE           | 15     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | SVOC  |             | PYRENE           | 3      | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC   | 8260B       | SEC-BUTYLBENZENE | 6.5    | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1100   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1200   | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC   | 8260B       | SEC-BUTYLBENZENE | 28     | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1400   | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE | 8.3    | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1400   | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC   | 8260B       | SEC-BUTYLBENZENE | 20     | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE | 72     | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE | 360    | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC   | 8260B       | SEC-BUTYLBENZENE | 1500   | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC   | 8260B       | SEC-BUTYLBENZENE | 750    | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE | 530    | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1300   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE | 3600   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC   | 8260B       | SEC-BUTYLBENZENE | 320    | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19'       | 19    | VOC   | 8260B       | SEC-BUTYLBENZENE | 1100   | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC   | 8260B       | SEC-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC   | 8260B       | SEC-BUTYLBENZENE | 580    | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7'        | 7     | VOC   | 8260B       | SEC-BUTYLBENZENE | 3000   | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC   | 8260B       | SEC-BUTYLBENZENE | 380    | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5'    | 11.5  | VOC   | 8260B       | SEC-BUTYLBENZENE | 160000 | ug/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7'            | 7     | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8'            | 8     | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7'            | 7     | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6'            | 6     | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5'          | 5.5   | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8'            | 8     | METAL |             | SELENIUM         | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5'          | 5.5   | METAL |             | SELENIUM         | ND     | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD             | 17.3  | METAL |             | SELENIUM         | 0.025  | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | SELENIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | SELENIUM | 18     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | SELENIUM | ND     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | SELENIUM | 0.22   | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | SELENIUM | 0.64   | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | SELENIUM | 0.7    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | SELENIUM | 75     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | SELENIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | SELENIUM | 28     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | SELENIUM | 27     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | SELENIUM | ND     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | SELENIUM | 0.5    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | SELENIUM | 3.1    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | SELENIUM | 1.3    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | SELENIUM | 0.4    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | SELENIUM | 5.5    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | SELENIUM | 0.8    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | SELENIUM | 4.1    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | SELENIUM | 0.45   | mg/kg |            |



**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | SELENIUM | 3.2    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | SELENIUM | 0.2    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | SELENIUM | 0.2    | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | SELENIUM | 0.5    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | SELENIUM | 1.2    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | SELENIUM | 0.3    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | SELENIUM | 6      | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | SELENIUM | 0.75   | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | SILVER   | 0.83   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | SILVER   | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-29            | WASTE, 29-02#4     | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-34            | WASTE, 34-02 #1    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-36            | WASTE, 36-02 #5    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-43            | 43-120             | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-44            | 44-180             | 15    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-45            | 45-240             | 20    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-46            | 46-60              | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-47            | 47-60              | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-53            | 53-60              | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-54            | 54-00              | 0     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-62            | 62-82              | 7     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-63            | 63-60              | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-65            | 65-60              | 5     | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-66            | 66-120             | 10    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-66            | 66-240             | 20    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-66            | 66-300             | 25    | METAL |             | SILVER   | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | SILVER   | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-67            | 67-180             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-67            | 67-60              | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-69            | 69-120             | 10    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-69            | 69-180             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | SILVER  | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | SILVER  | 1.1    | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | SILVER  | 0.3    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | SILVER  | 4.2    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | SILVER  | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | SILVER  | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | SILVER  | ND     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | SILVER  | 7.6    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | SILVER  | ND     | mg/kg |            |
| E&E     | AW-1             | E&E, AW-1          |       | VOC   |             | STYRENE | 1.6    | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC   |             | STYRENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC   |             | STYRENE | 29000  | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'      | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'      | 12    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11'      | 11    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'       | 8     | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'     | 11    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'     | 24    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'     | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'     | 20    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'     | 12    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'     | 20    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'     | 20    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'     | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'     | 12    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'     | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'     | 16    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'   | 17.5  | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'     | 20    | VOC   | 8260B       | STYRENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC   |             | STYRENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC   |             | STYRENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-60        | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC   |             | STYRENE        | 45     | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC   | 8260B       | STYRENE        | 2000   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC   | 8260B       | STYRENE        |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC   |             | STYRENE        | 25000  | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC   |             | STYRENE        | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | STYRENE        | 720    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | STYRENE        | 0.03   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | STYRENE        | 160    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | OTHER |             | SULFUR DIOXIDE | 10     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | OTHER |             | SULFUR DIOXIDE | 11     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | OTHER |             | SULFUR DIOXIDE | 5.8    | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | TPH   |             | TEPH           | 760    | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | TPH   |             | TEPH           | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | TPH   |             | TEPH           | 40000  | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | TPH   |             | TEPH           | 520000 | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | TPH   |             | TEPH           | 7800   | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | TPH   |             | TEPH           | 20000  | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | TPH   |             | TEPH           | 4100   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------|--------|-------|------------|
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | TPH  |             | TEPH              | 10000  | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | TPH  |             | TEPH              | 4700   | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | TPH  |             | TEPH              | 3800   | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | TPH  |             | TEPH              | 5000   | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | TPH  |             | TEPH              | 17000  | mg/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-18     | 18    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-21.5'    | 21.5  | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-14.5'    | 14.5  | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-8        | 8     | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11'     | 11    | SVOC | 8270C       | TERPHENYL-D14     |        | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-06            | Ascon-GP6-11      | 11    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte           | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|-------------------|--------|-------|------------|
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | TERT-BUTYLBENZENE |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | TETRACHLOROETHENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | TETRACHLOROETHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte             | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------------------|--------|-------|------------|
| RADIAN  | LS-3             | LS3, AS-132        | 0     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135        | 0     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138        | 0     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90              | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93              | 10    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96              | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178             | 2     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180             | 25    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182             | 16    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184             | 16    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310             | 7     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315             | 7     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320             | 10    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg | J          |
| RADIAN  | MW-4             | AS-169             | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173             | 25    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)         | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74              | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77              | 10    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80              | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83              | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87              | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC   | 8260B       | TETRACHLOROETHENE   |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC   |             | TETRACHLOROETHENE   | ND     | ug/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC   |             | TETRAM ETHYLBENZENE | 2.3    | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'           | 10    | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7             | 7     | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8             | 8     | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7             | 7     | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6             | 6     | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5           | 5.5   | METAL |             | THALLIUM            | ND     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8             | 8     | METAL |             | THALLIUM            | ND     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| ESE     | CPT-8            | CPT8-5.5           | 5.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'      | 7     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01     | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-25            | SOIL, 25-30        | 2.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | THALLIUM | ND     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | THALLIUM | 100    | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | THALLIUM | 27     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | THALLIUM | 8.6    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |



**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|----------|--------|-------|------------|
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272             | 4     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | THALLIUM | 29     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | THALLIUM | 72     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | THALLIUM | 8.7    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | THALLIUM | ND     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | THALLIUM | ND     | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768           | 1     | VOC   |             | TOLUENE  | 0      |       |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC   |             | TOLUENE  | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC   |             | TOLUENE  | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC   | 8260B       | TOLUENE  | 1800   | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'     | 12    | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'      | 8     | VOC   | 8260B       | TOLUENE  |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------|--------|-------|------------|
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TOLUENE | 4.3    | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | TOLUENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | TOLUENE | 7300   | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | TOLUENE | 950    | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | TOLUENE | 450    | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | TOLUENE | 1100   | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | TOLUENE | 3.2    | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | TOLUENE | 1.3    | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | TOLUENE | 4.8    | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | TOLUENE | 1.7    | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | TOLUENE | 2600   | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | TOLUENE | 1600   | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | TOLUENE | 5.4    | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | TOLUENE | 3.1    | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | TOLUENE | 11     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | TOLUENE | 5.3    | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | TOLUENE | 1.3    | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | TOLUENE | 1.1    | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | TOLUENE | 1.4    | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | TOLUENE | 3300   | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | TOLUENE | 21     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | TOLUENE | 28     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | TOLUENE | 450    | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | TOLUENE | 5.8    | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | TOLUENE | 19     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | TOLUENE | 18     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | TOLUENE | 1900   | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TOLUENE | 2300   | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | TOLUENE | 400    | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | TOLUENE | 310    | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | TOLUENE | 170    | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | TOLUENE | 110    | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | TOLUENE | 2600   | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321            | 10    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | TOLUENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | TOLUENE | 3000   | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | TOLUENE | 360    | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | TOLUENE | 1300   | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | TOLUENE | 98     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | TOLUENE | 300    | ug/kg |            |
| OWR     | OWR2             | OWR-2             | 4.5   | VOC  |             | TOLUENE | 0.9    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|------------|--------|-------|------------|
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | TOLUENE    | 1.9    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | TOLUENE    | 1.3    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | TOLUENE    | 0.9    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | TOLUENE    | 1.5    | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | TOLUENE    | 0.9    | mg/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | TOLUENE    | 740    | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | TOLUENE    | 1200   | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | TOLUENE    | 9900   | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | TOLUENE    |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | TOLUENE    | 680    | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | TOLUENE    |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | TOLUENE    |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | TOLUENE    | 210    | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | TOLUENE    |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | TOLUENE    | 10000  | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293             | 3     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281             | 3     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285             | 7     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289             | 10    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262             | 5     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268             | 3     | VOC  |             | TOLUENE    | 2      | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE           | 3     | VOC  |             | TOLUENE    | 2      | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271             | 4     | VOC  |             | TOLUENE    | 2      | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242             | 15    | VOC  |             | TOLUENE    | 6      | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238             | 20    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256             | 15    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244             | 3     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259             | 15    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275             | 20    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | TOLUENE    | 160    | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | TOLUENE    | 36     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | TOLUENE    | 73     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | TOLUENE    | 260    | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | TOLUENE    | 77     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | TOLUENE    | 44     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | TOLUENE    | 8      | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | TOLUENE    | 4700   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | TOLUENE    | 270    | ug/kg | C          |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | TOLUENE    | 13     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147             | 0     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250             | 3     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253             | 15    | VOC  |             | TOLUENE    | 4      | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265             | 20    | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.53   | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | TOLUENE    | 1      | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | TOLUENE    | 2      | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.01   | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | TOLUENE    | 5.2    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.04   | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.74   | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.42   | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | VOC  |             | TOLUENE    | 6.4    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | VOC  |             | TOLUENE    | 2.0    | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | VOC  |             | TOLUENE    | 0.03   | mg/kg |            |
| WCC     | WCC-L-1          | AS-126             | 0     | VOC  |             | TOLUENE    | 3800   | ug/kg | C          |
| WCC     | WCC-L-2          | AS-129             | 0     | VOC  |             | TOLUENE    | 160    | ug/kg | C          |
| WCC     | WCC-L-3          | AS-132             | 0     | VOC  |             | TOLUENE    | 610    | ug/kg | CJ         |
| WCC     | WCC-L-4          | AS-135             | 0     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| WCC     | WCC-L-5          | AS-138             | 0     | VOC  |             | TOLUENE    | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'       | 8     | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'      | 12    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'      | 16    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16       | 16    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12       | 12    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11       | 11    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8        | 8     | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'       | 8     | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'       | 8     | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'    | 11    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'     | 17    | VOC  | 8260B       | TOLUENE-D8 |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte    | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|------------|--------|-------|------------|
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'    | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'    | 12    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'  | 23.5  | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'    | 15    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7      | 7     | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5  | 11.5  | VOC       | 8260B       | TOLUENE-D8 |        | ug/kg |            |
| OCEMA   | EMA-SD           | EMA-SD          | 17.3  | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-24            | SOIL, 24-10-03  | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-26            | SOIL, 26-02 #3  | 0.2   | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-30            | SOIL, 30-02 #4  | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-32            | WASTE, 32-02 #2 | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-02 #1 | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-01 #5 | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-139DL   | 0     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-94           | 10    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178          | 2     | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180          | 25    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182          | 16    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184          | 16    | PESTICIDE |             | TOXAPHENE  | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test      | Test Method | Analyte     | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-----------|-------------|-------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-307          | 3     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-312          | 7     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-317          | 7     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-322          | 10    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169          | 5     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171          | 15    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173          | 25    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100          | 5     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103          | 14    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-106          | 30    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115          | 5     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118          | 20    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118DL        | 20    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121          | 21    | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123          | 5     | PESTICIDE |             | TOXAPHENE   | ND     | ug/kg | C          |
| II      | II-25            | SOIL, 25-06     | 0.5   | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-300    | 25    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-240    | 20    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-65            | SOIL, 65-60     | 5     | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-66            | SOIL, 66-300    | 25    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-69            | SOIL, 69-120    | 10    | TPH       |             | TPH         | ND     | mg/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | TPH       |             | TPH C10-C30 | 48000  | mg/kg |            |
| II      | II-43            | SOIL, 43-120    | 10    | TPH       |             | TPH C10-C30 | 750    | mg/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | TPH       |             | TPH C10-C30 | 5200   | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | TPH       |             | TPH C10-C30 | 4300   | mg/kg |            |
| II      | II-45            | SOIL, 45-120-01 | 10    | TPH       |             | TPH C10-C30 | 250    | mg/kg |            |
| II      | II-45            | SOIL, 45-120-02 | 10    | TPH       |             | TPH C10-C30 | 400    | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | TPH       |             | TPH C10-C30 | 2000   | mg/kg |            |
| II      | II-45            | SOIL, 45-240    | 20    | TPH       |             | TPH C10-C30 | 3500   | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | TPH       |             | TPH C10-C30 | 1100   | mg/kg |            |
| II      | II-53            | SOIL, 53-60     | 5     | TPH       |             | TPH C10-C30 | 210    | mg/kg |            |
| II      | II-54            | SOIL, 54-00     | 0     | TPH       |             | TPH C10-C30 | 250    | mg/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | TPH       |             | TPH C10-C30 | 150    | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | TPH       |             | TPH C10-C30 | 560    | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | TPH       |             | TPH C10-C30 | 16000  | mg/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | TPH       |             | TPH C10-C30 | 72     | mg/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | TPH       |             | TPH C10-C30 | 45000  | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | TPH       |             | TPH C10-C30 | 2000   | mg/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | TPH       |             | TPH C10-C30 | 2500   | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | TPH       |             | TPH C10-C30 | 1100   | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | TPH       |             | TPH C14-C30 | 250    | mg/kg |            |
| II      | II-65            | SOIL, 65-120    | 10    | TPH       |             | TPH C16-C30 | 85     | mg/kg |            |
| II      | II-67            | SOIL, 67-60     | 5     | TPH       |             | TPH C16-C30 | 150    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-04  | 0     | TPH       |             | TPH C18-C30 | 100    | mg/kg |            |
| II      | II-46            | SOIL, 46-60     | 5     | TPH       |             | TPH C18-C30 | 87     | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | TPH       |             | TPH C24-C28 | 5      | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | TPH       |             | TPH C8-C30  | 7000   | mg/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | TPH       |             | TPH C8-C30  | 550    | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | TPH       |             | TPH C8-C30  | 2700   | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | TPH       |             | TPH C8-C30  | 4800   | mg/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | TPH       |             | TPH C8-C30  | 480    | mg/kg |            |
| II      | II-69            | SOIL, 69-180    | 15    | TPH       |             | TPH C8-C30  | 33     | mg/kg |            |
| II      | II-40            | SOIL, 40-120    | 10    | TPH       |             | TPH-D       | 22000  | mg/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | TPH       |             | TPH-D       | 1100   | mg/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | TPH       |             | TPH-D       | 330    | mg/kg |            |
| II      | II-40            | SOIL, 40-300    | 25    | TPH       |             | TPH-D       | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | TPH       |             | TPH-D       | 44     | mg/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | TPH       |             | TPH-D       | 9500   | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | TPH       |             | TPH-D       | 11000  | mg/kg |            |
| II      | II-41            | SOIL, 41-240    | 20    | TPH       |             | TPH-D       | 7100   | mg/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | TPH       |             | TPH-D       | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | TPH       |             | TPH-D       | 1100   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|--------------------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-60     | 5     | TPH  |             | TPH-D                    | 24     | mg/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | TPH  |             | TPH-D                    | 5500   | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | TPH  |             | TPH-D                    | 5300   | mg/kg |            |
| II      | II-58            | SOIL, 58-180    | 15    | TPH  |             | TPH-D                    | 4800   | mg/kg |            |
| II      | II-58            | SOIL, 58-180    | 15    | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | TPH  |             | TPH-D                    | 54     | mg/kg |            |
| II      | II-59            | SOIL, 59-240    | 20    | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-240    | 20    | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | TPH  |             | TPH-D                    | 18000  | mg/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | TPH  |             | TPH-D                    | ND     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11    | 11    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5 | 17.5  | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | VOC  |             | TRANS-1,2-DICHLOROETHENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TRANS-1,2-DICHLOROETHENE  | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | TRANS-1,2-DICHLOROETHENE  |        | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16      | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg | *B         |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg | B          |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | TRANS-1,3-DICHLOROPROPENE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |



**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                   | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|---------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | VOC  |             | TRANS-1,3-DICHLOROPROPENE | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'      | 8     | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'     | 12    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'     | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'     | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'     | 12    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'     | 11    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'      | 8     | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5'  | 17.5  | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'    | 20    | VOC  | 8260B       | TRICHLOROETHENE           |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | TRICHLOROETHENE           | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID      | Depth | Test | Test Method | Analyte               | Result | Units | Qualifiers |
|---------|------------------|----------------|-------|------|-------------|-----------------------|--------|-------|------------|
| RADIAN  | LS-3             | LS3, AS-132    | 0     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135    | 0     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138    | 0     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90          | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93          | 10    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96          | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178         | 2     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180         | 25    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182         | 16    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184         | 16    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310         | 7     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315         | 7     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320         | 10    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169         | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171         | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173         | 25    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)     | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74          | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77          | 10    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80          | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83          | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87          | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'   | 12    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'   | 13    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'   | 12    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'   | 12    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19    | 19    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5' | 23.5  | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'   | 15    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7     | 7     | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'   | 18    | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5 | 11.5  | VOC  | 8260B       | TRICHLOROETHENE       |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285         | 7     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-11      | AS-289         | 10    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg | B          |
| RADIAN  | RADIAN-B-12      | AS-262         | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE       | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271         | 4     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-2       | AS-242         | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238         | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256         | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259         | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275         | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102         | 14    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105         | 30    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99          | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114         | 5     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117         | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120         | 21    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122         | 30    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147         | 0     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250         | 3     | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253         | 15    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265         | 20    | VOC  |             | TRICHLOROETHENE       | ND     | ug/kg |            |
| E&E     | AW-1             | E&E, AW-1      |       | VOC  |             | TRICHLOROFUOROMETHANE | 9.8    | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3      |       | VOC  |             | TRICHLOROFUOROMETHANE | 15     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'  | 4     | VOC  |             | TRICHLOROFUOROMETHANE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1   | 18.3  | VOC  |             | TRICHLOROFUOROMETHANE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'   | 8     | VOC  | 8260B       | TRICHLOROFUOROMETHANE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'  | 12    | VOC  | 8260B       | TRICHLOROFUOROMETHANE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'  | 16    | VOC  | 8260B       | TRICHLOROFUOROMETHANE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16   | 16    | VOC  | 8260B       | TRICHLOROFUOROMETHANE |        | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte                | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|------------------------|--------|-------|------------|
| PNL     | GP-05            | Ascon-GP5-12      | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11      | 11    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8       | 8     | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'      | 8     | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-09            | Ascon GP9-8'      | 8     | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'   | 11    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'    | 17    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'    | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'     | 8     | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'    | 11    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'    | 24    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'    | 16    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'    | 20    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'    | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'    | 20    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'    | 20    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'    | 16    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'    | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'    | 16    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'    | 16    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5   | 17.5  | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20     | 20    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5   | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240      | 20    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300      | 25    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240      | 20    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | TRICHLOROFLUOROMETHANE | 52     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | TRICHLOROFLUOROMETHANE | 52     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | TRICHLOROFLUOROMETHANE | 57     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | TRICHLOROFLUOROMETHANE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test | Test Method | Analyte                  | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|------|-------------|--------------------------|--------|-------|------------|
| RADIAN  | MW-15            | AS-305             | 3     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310             | 7     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315             | 7     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320             | 10    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169             | 5     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171             | 15    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173             | 25    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)         | 10    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74              | 5     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77              | 10    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80              | 15    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83              | 20    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87              | 15    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'       | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'       | 13    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'       | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'       | 12    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19        | 19    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'     | 23.5  | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'       | 15    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7         | 7     | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'       | 18    | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5     | 11.5  | VOC  | 8260B       | TRICHLOROFLUOROMETHANE   |        | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102             | 14    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105             | 30    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99              | 5     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114             | 5     | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117             | 20    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120             | 21    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122             | 30    | VOC  |             | TRICHLOROFLUOROMETHANE   | ND     | ug/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 8.9    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 15     | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 13     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 11     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 19     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 14     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | TRIMETHYLBENZENE ISOMERS | 130    | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | VOC  |             | TRIMETHYLBENZENE ISOMERS | 26     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | TRIMETHYLBENZENE ISOMERS | 16     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | VOC  |             | TRIMETHYLBENZENE ISOMERS | 28     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | VOC  |             | TRIMETHYLBENZENE ISOMERS | 69     | mg/kg |            |
| OWR     | OWR7             | OWR-7              | 4.5   | VOC  |             | TRIMETHYLINDANE ISOMERS  | 6.7    | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 48     | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 1.6    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 71     | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 50     | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 59     | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | VOC  |             | TRIMETHYLPENTANE ISOMERS | 32     | mg/kg |            |
| II      | II-1             | SOIL, 1-06         | 0.5   | TPH  |             | TRPH                     | 4100   | mg/kg |            |
| II      | II-12            | SOIL, 12-06        | 0.5   | TPH  |             | TRPH                     | 100    | mg/kg |            |
| II      | II-13            | SOIL, 13-06        | 0.5   | TPH  |             | TRPH                     | 430    | mg/kg |            |
| II      | II-19            | SOIL, 19-06        | 0.5   | TPH  |             | TRPH                     | 210    | mg/kg |            |
| II      | II-22            | SOIL, 22-06        | 0.5   | TPH  |             | TRPH                     | 1700   | mg/kg |            |
| II      | II-24            | SOIL, 24-10        | 1     | TPH  |             | TRPH                     | 1400   | mg/kg |            |
| II      | II-25            | SOIL, 25-06        | 0.5   | TPH  |             | TRPH                     | 30     | mg/kg |            |
| II      | II-26            | SOIL, 26-06        | 0.5   | TPH  |             | TRPH                     | 400    | mg/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | TPH  |             | TRPH                     | 25000  | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | TPH  |             | TRPH                     | ND     | mg/kg |            |
| II      | II-27            | SOIL, 27-06        | 0.5   | TPH  |             | TRPH                     | 60     | mg/kg |            |
| II      | II-28            | SOIL, 28-06-01     | 0.5   | TPH  |             | TRPH                     | ND     | mg/kg |            |
| II      | II-28            | SOIL, 28-06-01     | 0.5   | TPH  |             | TRPH                     | 60     | mg/kg |            |
| II      | II-28            | SOIL, 28-06-02     | 0.5   | TPH  |             | TRPH                     | ND     | mg/kg |            |
| II      | II-28            | SOIL, 28-06-02     | 0.5   | TPH  |             | TRPH                     | 100    | mg/kg |            |
| II      | II-29            | WASTE, 29-02 #4    | 0     | TPH  |             | TRPH                     | 10000  | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | TPH  |             | TRPH                     | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | TPH  |             | TRPH                     | 3300   | mg/kg |            |
| II      | II-30            | WASTE, 30-03 #4    | 0     | TPH  |             | TRPH                     | 41000  | mg/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | TPH  |             | TRPH                     | 19000  | mg/kg |            |
| II      | II-32            | WASTE, 32-02 #2    | 0     | TPH  |             | TRPH                     | 44000  | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | TPH  |             | TRPH                     | 6500   | mg/kg |            |
| II      | II-34            | WASTE, 34-01 #1    | 0     | TPH  |             | TRPH                     | 45000  | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | TPH  |             | TRPH                     | 15000  | mg/kg |            |
| II      | II-36            | WASTE, 36-01 #5    | 0     | TPH  |             | TRPH                     | 4400   | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------|--------|-------|------------|
| II      | II-37            | WASTE, 37-01 #5 | 0     | TPH  |             | TRPH    | 3100   | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-40            | 40-120          | 10    | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-40            | 40-180          | 15    | TPH  |             | TRPH    | 9300   | mg/kg |            |
| II      | II-40            | 40-240          | 20    | TPH  |             | TRPH    | 520    | mg/kg |            |
| II      | II-40            | 40-300          | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-40            | 40-60           | 5     | TPH  |             | TRPH    | 2600   | mg/kg |            |
| II      | II-40            | SOIL, 40-120    | 10    | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | TPH  |             | TRPH    | 9300   | mg/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | TPH  |             | TRPH    | 520    | mg/kg |            |
| II      | II-40            | SOIL, 40-300    | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | TPH  |             | TRPH    | 2600   | mg/kg |            |
| II      | II-41            | 41-120          | 10    | TPH  |             | TRPH    | 8800   | mg/kg |            |
| II      | II-41            | 41-180          | 15    | TPH  |             | TRPH    | 23000  | mg/kg |            |
| II      | II-41            | 41-240          | 20    | TPH  |             | TRPH    | 36000  | mg/kg |            |
| II      | II-41            | 41-300          | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-41            | 41-60           | 5     | TPH  |             | TRPH    | 15000  | mg/kg |            |
| II      | II-41            | SOIL, 41-120    | 10    | TPH  |             | TRPH    | 8800   | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | TPH  |             | TRPH    | 23000  | mg/kg |            |
| II      | II-41            | SOIL, 41-240    | 20    | TPH  |             | TRPH    | 36000  | mg/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | TPH  |             | TRPH    | 15000  | mg/kg |            |
| II      | II-42            | 42-120-01       | 10    | TPH  |             | TRPH    | 7100   | mg/kg |            |
| II      | II-42            | 42-120-02       | 10    | TPH  |             | TRPH    | 15000  | mg/kg |            |
| II      | II-42            | 42-180          | 15    | TPH  |             | TRPH    | 1700   | mg/kg |            |
| II      | II-42            | 42-240          | 20    | TPH  |             | TRPH    | 2900   | mg/kg |            |
| II      | II-42            | 42-300          | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-42            | 42-60           | 5     | TPH  |             | TRPH    | 3800   | mg/kg |            |
| II      | II-42            | SOIL, 42-120-01 | 10    | TPH  |             | TRPH    | 7100   | mg/kg |            |
| II      | II-42            | SOIL, 42-120-02 | 10    | TPH  |             | TRPH    | 15000  | mg/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | TPH  |             | TRPH    | 1700   | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | TPH  |             | TRPH    | 2900   | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | TPH  |             | TRPH    | 3800   | mg/kg |            |
| II      | II-43            | 43-120          | 10    | TPH  |             | TRPH    | 630    | mg/kg |            |
| II      | II-43            | SOIL, 43-120    | 10    | TPH  |             | TRPH    | 630    | mg/kg |            |
| II      | II-44            | 44-120          | 10    | TPH  |             | TRPH    | 100    | mg/kg |            |
| II      | II-44            | 44-180          | 15    | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-44            | 44-240          | 20    | TPH  |             | TRPH    | 3500   | mg/kg |            |
| II      | II-44            | SOIL, 44-120    | 10    | TPH  |             | TRPH    | 100    | mg/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | TPH  |             | TRPH    | 3500   | mg/kg |            |
| II      | II-45            | 45-120-01       | 10    | TPH  |             | TRPH    | 180    | mg/kg |            |
| II      | II-45            | 45-120-02       | 10    | TPH  |             | TRPH    | 160    | mg/kg |            |
| II      | II-45            | 45-180          | 15    | TPH  |             | TRPH    | 5500   | mg/kg |            |
| II      | II-45            | 45-240          | 20    | TPH  |             | TRPH    | 19000  | mg/kg |            |
| II      | II-45            | 45-300          | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-45            | 45-60           | 5     | TPH  |             | TRPH    | 3300   | mg/kg |            |
| II      | II-45            | 46-60           | 5     | TPH  |             | TRPH    | 45     | mg/kg |            |
| II      | II-45            | SOIL, 45-120-01 | 10    | TPH  |             | TRPH    | 180    | mg/kg |            |
| II      | II-45            | SOIL, 45-120-02 | 10    | TPH  |             | TRPH    | 160    | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | TPH  |             | TRPH    | 5500   | mg/kg |            |
| II      | II-45            | SOIL, 45-240    | 20    | TPH  |             | TRPH    | 19000  | mg/kg |            |
| II      | II-45            | SOIL, 45-300    | 25    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | TPH  |             | TRPH    | 3300   | mg/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-48            | 48-60           | 5     | TPH  |             | TRPH    | 890    | mg/kg |            |
| II      | II-48            | SOIL, 46-60     | 5     | TPH  |             | TRPH    | 45     | mg/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | TPH  |             | TRPH    | 890    | mg/kg |            |
| II      | II-49            | 49-120          | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | 49-180          | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | 49-240          | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | 49-60           | 5     | TPH  |             | TRPH    | 70     | mg/kg |            |
| II      | II-49            | SOIL, 49-120    | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-240    | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | TPH  |             | TRPH    | 70     | mg/kg |            |
| II      | II-50            | 50-120          | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | 50-180          | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | 50-240          | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | 50-60           | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-120    | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-150    | 12.5  | TPH  |             | TRPH    | 390    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|---------|--------|-------|------------|
| II      | II-50            | SOIL, 50-180    | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-240    | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-50            | SOIL, 50-60-04  | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-53            | 53-60           | 5     | TPH  |             | TRPH    | 560    | mg/kg |            |
| II      | II-53            | SOIL, 53-60     | 5     | TPH  |             | TRPH    | 560    | mg/kg |            |
| II      | II-54            | SOIL, 54-00     | 0     | TPH  |             | TRPH    | 860    | mg/kg |            |
| II      | II-56            | 56-120          | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | 56-180          | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | 56-240          | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | 56-350          | 29    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | 56-60           | 5     | TPH  |             | TRPH    | 760    | mg/kg |            |
| II      | II-56            | SOIL, 56-120    | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-240    | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-350    | 29    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-56            | SOIL, 56-60     | 5     | TPH  |             | TRPH    | 760    | mg/kg |            |
| II      | II-57            | SOIL, 57-204    | 17    | TPH  |             | TRPH    | 12000  | mg/kg |            |
| II      | II-58            | 58-120          | 10    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-58            | 58-180-01       | 15    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-58            | 58-180-02       | 15    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-58            | SOIL, 58-180-01 | 15    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-58            | SOIL, 58-180-02 | 15    | TPH  |             | TRPH    | 11000  | mg/kg |            |
| II      | II-59            | 59-120          | 10    | TPH  |             | TRPH    | 1700   | mg/kg |            |
| II      | II-59            | 59-240          | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-59            | 59-60           | 5     | TPH  |             | TRPH    | 1700   | mg/kg |            |
| II      | II-59            | SOIL, 59-120    | 10    | TPH  |             | TRPH    | 1700   | mg/kg |            |
| II      | II-59            | SOIL, 59-240    | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-59            | SOIL, 59-60     | 5     | TPH  |             | TRPH    | 18000  | mg/kg |            |
| II      | II-62            | 62-60           | 5     | TPH  |             | TRPH    | 520    | mg/kg |            |
| II      | II-62            | SOIL, 62-82     | 7     | TPH  |             | TRPH    | 520    | mg/kg |            |
| II      | II-63            | 63-60           | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-63            | SOIL, 63-60     | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-64            | 64-240          | 20    | TPH  |             | TRPH    | 70     | mg/kg |            |
| II      | II-64            | 64-240          | 20    | TPH  |             | TRPH    | 70     | mg/kg |            |
| II      | II-64            | 64-60           | 5     | TPH  |             | TRPH    | 8.4    | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | TPH  |             | TRPH    | 70     | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | TPH  |             | TRPH    | 8.4    | mg/kg |            |
| II      | II-65            | 65-120-01       | 10    | TPH  |             | TRPH    | 1500   | mg/kg |            |
| II      | II-65            | 65-120-02       | 10    | TPH  |             | TRPH    | 440    | mg/kg |            |
| II      | II-65            | 65-60           | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-65            | SOIL, 65-120-01 | 10    | TPH  |             | TRPH    | 1500   | mg/kg |            |
| II      | II-65            | SOIL, 65-120-02 | 10    | TPH  |             | TRPH    | 440    | mg/kg |            |
| II      | II-65            | SOIL, 65-60     | 5     | TPH  |             | TRPH    | 6900   | mg/kg |            |
| II      | II-66            | 66-120          | 10    | TPH  |             | TRPH    | 4300   | mg/kg |            |
| II      | II-66            | 66-180          | 15    | TPH  |             | TRPH    | 26000  | mg/kg |            |
| II      | II-66            | 66-240          | 20    | TPH  |             | TRPH    | 440    | mg/kg |            |
| II      | II-66            | 66-300          | 25    | TPH  |             | TRPH    | 310    | mg/kg |            |
| II      | II-66            | 66-60           | 5     | TPH  |             | TRPH    | 6900   | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | TPH  |             | TRPH    | 4300   | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | TPH  |             | TRPH    | 26000  | mg/kg |            |
| II      | II-66            | SOIL, 66-240    | 20    | TPH  |             | TRPH    | 440    | mg/kg |            |
| II      | II-66            | SOIL, 66-300    | 25    | TPH  |             | TRPH    | 310    | mg/kg |            |
| II      | II-66            | SOIL, 66-60     | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-67            | 67-120          | 10    | TPH  |             | TRPH    | 5800   | mg/kg |            |
| II      | II-67            | 67-180          | 15    | TPH  |             | TRPH    | 9100   | mg/kg |            |
| II      | II-67            | 67-240          | 20    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-67            | 67-60           | 5     | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | TPH  |             | TRPH    | 5800   | mg/kg |            |
| II      | II-67            | SOIL, 67-180    | 15    | TPH  |             | TRPH    | 9100   | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | TPH  |             | TRPH    | ND     | mg/kg | B          |
| II      | II-67            | SOIL, 67-60     | 5     | TPH  |             | TRPH    | ND     | mg/kg | TM         |
| II      | II-68            | 68-60           | 5     | TPH  |             | TRPH    | 2200   | mg/kg |            |
| II      | II-68            | SOIL, 68-60     | 5     | TPH  |             | TRPH    | 2200   | mg/kg | TM         |
| II      | II-69            | 69-120          | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-69            | 69-180          | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-69            | SOIL, 69-120    | 10    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-69            | SOIL, 69-180    | 15    | TPH  |             | TRPH    | ND     | mg/kg |            |
| II      | II-NMW-1         | 51-166          | 13.83 | TPH  |             | TRPH    | 4200   | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | TPH  |             | TRPH    | 4200   | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-125     | 0     | TPH  |             | TRPH    | 480000 | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-128     | 0     | TPH  |             | TRPH    | 460000 | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|----------|--------|-------|------------|
| RADIAN  | LS-3             | LS3, AS-131     | 0     | TPH   |             | TRPH     | 500000 | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-136     | 0     | TPH   |             | TRPH     | 460000 | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-137     | 0     | TPH   |             | TRPH     | 530000 | mg/kg |            |
| RADIAN  | MW-13            | AS-92           | 5     | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-13            | AS-98           | 15    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-14            | AS-186          | 25    | TPH   |             | TRPH     | 580    | mg/kg |            |
| RADIAN  | MW-14            | AS-187          | 2     | TPH   |             | TRPH     | 3000   | mg/kg |            |
| RADIAN  | MW-14            | AS-188          | 16    | TPH   |             | TRPH     | 5900   | mg/kg |            |
| RADIAN  | MW-14            | AS-189          | 16    | TPH   |             | TRPH     | 37000  | mg/kg |            |
| RADIAN  | MW-15            | AS-309          | 3     | TPH   |             | TRPH     | 150    | mg/kg |            |
| RADIAN  | MW-15            | AS-314          | 7     | TPH   |             | TRPH     | 105    | mg/kg |            |
| RADIAN  | MW-15            | AS-319          | 7     | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-15            | AS-324          | 10    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-4             | AS-175          | 5     | TPH   |             | TRPH     | 2000   | mg/kg |            |
| RADIAN  | MW-4             | AS-176          | 15    | TPH   |             | TRPH     | 100    | mg/kg | B          |
| RADIAN  | MW-4             | AS-177          | 25    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-76           | 5     | TPH   |             | TRPH     | 6500   | mg/kg |            |
| RADIAN  | MW-9             | AS-79           | 10    | TPH   |             | TRPH     | 3400   | mg/kg |            |
| RADIAN  | MW-9             | AS-82           | 15    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | MW-9             | AS-85           | 20    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-296          | 3     | TPH   |             | TRPH     | 220    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-284          | 3     | TPH   |             | TRPH     | 110    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-288          | 7     | TPH   |             | TRPH     | 170    | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-292          | 10    | TPH   |             | TRPH     | 250    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-261          | 4     | TPH   |             | TRPH     | 140    | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-267          | 5     | TPH   |             | TRPH     | 210    | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-270          | 4     | TPH   |             | TRPH     | 24000  | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-234          | 21    | TPH   |             | TRPH     | 530    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-237          | 20    | TPH   |             | TRPH     | 900    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-240          | 15    | TPH   |             | TRPH     | 300    | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-243          | 3     | TPH   |             | TRPH     | 2200   | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-255          | 15    | TPH   |             | TRPH     | 6000   | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-231          | 15    | TPH   |             | TRPH     | 720    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-258          | 15    | TPH   |             | TRPH     | 220    | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-274          | 20    | TPH   |             | TRPH     | 10000  | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-101          | 5     | TPH   |             | TRPH     | 2900   | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-104          | 14    | TPH   |             | TRPH     | 4400   | mg/kg | B          |
| RADIAN  | RADIAN-B-5       | AS-107          | 30    | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-116          | 5     | TPH   |             | TRPH     | 520    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-119          | 20    | TPH   |             | TRPH     | 800    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-124          | 30    | TPH   |             | TRPH     | 210    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-144          | 0     | TPH   |             | TRPH     | 970000 | mg/kg | B          |
| RADIAN  | RADIAN-B-8       | AS-249          | 3     | TPH   |             | TRPH     | 110    | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-252          | 15    | TPH   |             | TRPH     | 1400   | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-264          | 0     | TPH   |             | TRPH     | ND     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11           |       | TPH   |             | TRPH     | 100    | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18           |       | TPH   |             | TRPH     | 6000   | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1            | 0.25  | TPH   |             | TRPH     | 20000  | mg/kg | J          |
| RADIAN  | RADIAN-S-2       | AS-6            | 0.25  | TPH   |             | TRPH     | 1000   | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9            | 0.25  | TPH   |             | TRPH     | 3000   | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'        | 10    | METAL |             | VANADIUM | 46     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7          | 7     | METAL |             | VANADIUM | 41     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8          | 8     | METAL |             | VANADIUM | 35     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7          | 7     | METAL |             | VANADIUM | 39     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6          | 6     | METAL |             | VANADIUM | 40     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5        | 5.5   | METAL |             | VANADIUM | 49     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8          | 8     | METAL |             | VANADIUM | 7.2    | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5        | 5.5   | METAL |             | VANADIUM | 49     | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767        | 0     | METAL |             | VANADIUM | ND     | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768        | 1     | METAL |             | VANADIUM | ND     | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769        | 0     | METAL |             | VANADIUM | ND     | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770        | 0     | METAL |             | VANADIUM | ND     | mg/kg |            |
| II      | II-22            | SOIL, 22-06     | 0.5   | METAL |             | VANADIUM | 34     | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01  | 0     | METAL |             | VANADIUM | 31     | mg/kg |            |
| II      | II-25            | SOIL, 25-30     | 2.5   | METAL |             | VANADIUM | 50     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | VANADIUM | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06     | 0.5   | METAL |             | VANADIUM | 27     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3 | 0     | METAL |             | VANADIUM | 22     | mg/kg |            |
| II      | II-26            | WASTE, 26-03 #3 | 0     | METAL |             | VANADIUM | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06      | 0.5   | METAL |             | VANADIUM | 36     | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4  | 0     | METAL |             | VANADIUM | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | METAL |             | VANADIUM | 28     | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2 | 0     | METAL |             | VANADIUM | 33     | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID       | Depth | Test  | Test Method | Analyte  | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|-------|-------------|----------|--------|-------|------------|
| II      | II-35            | WASTE, 35-02 #1 | 0     | METAL |             | VANADIUM | 28     | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | METAL |             | VANADIUM | 26     | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5 | 0     | METAL |             | VANADIUM | 35     | mg/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | METAL |             | VANADIUM | 34     | mg/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | METAL |             | VANADIUM | 24     | mg/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | METAL |             | VANADIUM | 46     | mg/kg |            |
| II      | II-42            | SOIL, 42-120    | 10    | METAL |             | VANADIUM | 24     | mg/kg |            |
| II      | II-42            | SOIL, 42-240    | 20    | METAL |             | VANADIUM | 35     | mg/kg |            |
| II      | II-42            | SOIL, 42-300    | 25    | METAL |             | VANADIUM | 28     | mg/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | METAL |             | VANADIUM | 15     | mg/kg |            |
| II      | II-43            | SOIL, 43-96     | 8     | METAL |             | VANADIUM | 23     | mg/kg |            |
| II      | II-44            | SOIL, 44-120    | 10    | METAL |             | VANADIUM | 27     | mg/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | METAL |             | VANADIUM | 28     | mg/kg |            |
| II      | II-45            | SOIL, 45-180    | 15    | METAL |             | VANADIUM | 28     | mg/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | METAL |             | VANADIUM | 36     | mg/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | METAL |             | VANADIUM | 41     | mg/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | METAL |             | VANADIUM | 51     | mg/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | METAL |             | VANADIUM | 49     | mg/kg |            |
| II      | II-56            | SOIL, 56-180    | 15    | METAL |             | VANADIUM | 56     | mg/kg |            |
| II      | II-58            | SOIL, 58-120    | 10    | METAL |             | VANADIUM | 32     | mg/kg |            |
| II      | II-64            | SOIL, 64-204    | 17    | METAL |             | VANADIUM | 42     | mg/kg |            |
| II      | II-64            | SOIL, 64-60     | 5     | METAL |             | VANADIUM | 41     | mg/kg |            |
| II      | II-66            | SOIL, 66-120    | 10    | METAL |             | VANADIUM | 40     | mg/kg |            |
| II      | II-66            | SOIL, 66-180    | 15    | METAL |             | VANADIUM | 52     | mg/kg |            |
| II      | II-67            | SOIL, 67-120    | 10    | METAL |             | VANADIUM | 26     | mg/kg |            |
| II      | II-67            | SOIL, 67-240    | 20    | METAL |             | VANADIUM | 55     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166    | 14    | METAL |             | VANADIUM | 30     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127     | 0     | METAL |             | VANADIUM | 40     | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130     | 0     | METAL |             | VANADIUM | 39     | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133     | 0     | METAL |             | VANADIUM | 41     | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134     | 0     | METAL |             | VANADIUM | 25     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139     | 0     | METAL |             | VANADIUM | 2.9    | mg/kg |            |
| RADIAN  | MW-13            | AS-91           | 5     | METAL |             | VANADIUM | 44     | mg/kg |            |
| RADIAN  | MW-13            | AS-94           | 15    | METAL |             | VANADIUM | 7.6    | mg/kg |            |
| RADIAN  | MW-13            | AS-97           | 15    | METAL |             | VANADIUM | 4.2    | mg/kg |            |
| RADIAN  | MW-14            | AS-179          | 2     | METAL |             | VANADIUM | 41     | mg/kg |            |
| RADIAN  | MW-14            | AS-181          | 25    | METAL |             | VANADIUM | 34     | mg/kg |            |
| RADIAN  | MW-14            | AS-183          | 15    | METAL |             | VANADIUM | 23     | mg/kg |            |
| RADIAN  | MW-14            | AS-185          | 16    | METAL |             | VANADIUM | 26     | mg/kg |            |
| RADIAN  | MW-15            | AS-308          | 3     | METAL |             | VANADIUM | 67     | mg/kg |            |
| RADIAN  | MW-15            | AS-313          | 3     | METAL |             | VANADIUM | 65     | mg/kg |            |
| RADIAN  | MW-15            | AS-318          | 3     | METAL |             | VANADIUM | 53     | mg/kg |            |
| RADIAN  | MW-15            | AS-323          | 3     | METAL |             | VANADIUM | 22     | mg/kg |            |
| RADIAN  | MW-4             | AS-170          | 5     | METAL |             | VANADIUM | 26     | mg/kg |            |
| RADIAN  | MW-4             | AS-172          | 15    | METAL |             | VANADIUM | 33     | mg/kg |            |
| RADIAN  | MW-4             | AS-174          | 20    | METAL |             | VANADIUM | 26     | mg/kg |            |
| RADIAN  | MW-9             | AS-75           | 5     | METAL |             | VANADIUM | 47     | mg/kg |            |
| RADIAN  | MW-9             | AS-78           | 10    | METAL |             | VANADIUM | 46     | mg/kg |            |
| RADIAN  | MW-9             | AS-81           | 15    | METAL |             | VANADIUM | 8.2    | mg/kg |            |
| RADIAN  | MW-9             | AS-84           | 20    | METAL |             | VANADIUM | 22     | mg/kg |            |
| RADIAN  | MW-9             | AS-86           | 15    | METAL |             | VANADIUM | 12     | mg/kg |            |
| OWR     | OWR1             | OWR-1           | 4.5   | METAL |             | VANADIUM | 43     | mg/kg |            |
| OWR     | OWR2             | OWR-2           | 4.5   | METAL |             | VANADIUM | 47     | mg/kg |            |
| OWR     | OWR3             | OWR-3           | 4.5   | METAL |             | VANADIUM | 22     | mg/kg |            |
| OWR     | OWR4             | OWR-4           | 4.5   | METAL |             | VANADIUM | 47     | mg/kg |            |
| OWR     | OWR5             | OWR-5           | 4.5   | METAL |             | VANADIUM | 51     | mg/kg |            |
| OWR     | OWR6             | OWR-6           | 4.5   | METAL |             | VANADIUM | 31     | mg/kg |            |
| OWR     | OWR7             | OWR-7           | 4.5   | METAL |             | VANADIUM | 37     | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295          | 3     | METAL |             | VANADIUM | 31     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283          | 3     | METAL |             | VANADIUM | 35     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287          | 7     | METAL |             | VANADIUM | 43     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291          | 10    | METAL |             | VANADIUM | 41     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263          | 5     | METAL |             | VANADIUM | 39     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269          | 3     | METAL |             | VANADIUM | 47     | mg/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-272          | 4     | METAL |             | VANADIUM | 29     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236          | 21    | METAL |             | VANADIUM | 62     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241          | 15    | METAL |             | VANADIUM | 49     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233          | 5     | METAL |             | VANADIUM | 36     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239          | 20    | METAL |             | VANADIUM | 61     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257          | 15    | METAL |             | VANADIUM | 52     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243          | 3     | METAL |             | VANADIUM | 29     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-260          | 15    | METAL |             | VANADIUM | 37     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273          | 20    | METAL |             | VANADIUM | 30     | mg/kg |            |



**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte       | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | VANADIUM      | 23     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | VANADIUM      | 37     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | VANADIUM      | 4      | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | VANADIUM      | 4      | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | VANADIUM      | 16     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | VANADIUM      | 30     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | VANADIUM      | 5.7    | mg/kg |            |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | VANADIUM      | 1.1    | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | VANADIUM      | 31     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | VANADIUM      | 36     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | VANADIUM      | 8      | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | VANADIUM      | 56     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | VANADIUM      | 31     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | VANADIUM      | 37     | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | VANADIUM      | 37     | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | VANADIUM      | 42     | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | VANADIUM      | 36     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | VANADIUM      | 40     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | VANADIUM      | 50     | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | VANADIUM      | 32     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | VANADIUM      | 45     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | VANADIUM      | 44     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | VANADIUM      | 55     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | VANADIUM      | 18     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | VANADIUM      | 75     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | VANADIUM      | 75     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | VANADIUM      | 65     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | VANADIUM      | 24     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | VANADIUM      | 41     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | VANADIUM      | 23     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | VANADIUM      | 33     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | VANADIUM      | 70     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'      | 4     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1       | 18.3  | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240       | 20    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300       | 25    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82        | 7     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60        | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | VOC   |             | VINYL ACETATE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID        | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|------------------|-------|------|-------------|----------------|--------|-------|------------|
| RADIAN  | RADIAN-B-10      | AS-293           | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281           | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285           | 7     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289           | 10    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262           | 5     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268           | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE         | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271           | 4     | VOC  |             | VINYL ACETATE  | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-2       | AS-242           | 15    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238           | 20    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256           | 15    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244           | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259           | 15    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275           | 20    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102           | 14    | VOC  |             | VINYL ACETATE  | ND     | ug/kg | C          |
| RADIAN  | RADIAN-B-5       | AS-105           | 30    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99            | 5     | VOC  |             | VINYL ACETATE  | ND     | ug/kg | TM         |
| RADIAN  | RADIAN-B-6       | AS-114           | 5     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117           | 20    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120           | 21    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122           | 30    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147           | 0     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250           | 3     | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253           | 15    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265           | 20    | VOC  |             | VINYL ACETATE  | ND     | ug/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'    | 4     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1     | 18.3  | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'     | 8     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'    | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'    | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-04            | Ascon-GP4-16'    | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP5-12'    | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-05            | Ascon-GP6-11'    | 11    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-07            | Ascon-GP7-8'     | 8     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP8-8'     | 8     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-08            | Ascon GP9-8'     | 8     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-10            | Ascon GP10B-11'  | 11    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'   | 17    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-11            | Ascon GP11-12'   | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'    | 8     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'   | 11    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'   | 24    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'   | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'   | 20    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'   | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'   | 20    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'   | 20    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'   | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'   | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'   | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'   | 16    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-24            | Ascon GP24-17.5' | 17.5  | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | GP-25            | Ascon-GP25-20'   | 20    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5  | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180     | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-240     | 20    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180     | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300     | 25    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180     | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-180     | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-44            | SOIL, 44-240     | 20    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-45            | SOIL, 45-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-47            | SOIL, 47-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-48            | SOIL, 48-60      | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180     | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID         | Depth | Test | Test Method | Analyte        | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|------|-------------|----------------|--------|-------|------------|
| II      | II-49            | SOIL, 49-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-56            | SOIL, 56-180      | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-1             | LS1, AS-126       | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-2             | LS2, AS-129       | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-3             | LS3, AS-132       | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-4             | LS4, AS-135       | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | LS-5             | LS5, AS-138       | 0     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-90             | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-93             | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-13            | AS-96             | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg | B          |
| RADIAN  | MW-14            | AS-182            | 16    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-305            | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-310            | 7     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-315            | 7     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-320            | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-169            | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-171            | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | AS-173            | 25    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-4             | B-4 (MW-4)        | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-74             | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-77             | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-80             | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-83             | 20    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | MW-9             | AS-87             | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| PNL     | P-01             | Ascon-P1-12'      | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-02             | Ascon-P2-13'      | 13    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-03             | Ascon-P3-12'      | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-04             | Ascon P4-12'      | 12    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-05             | Ascon-P5-19       | 19    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-06             | Ascon P6-23.5'    | 23.5  | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-07             | Ascon P7-15'      | 15    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-08             | Ascon-P8-7        | 7     | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-09             | Ascon-P9-18'      | 18    | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| PNL     | P-10             | Ascon-P10-11.5    | 11.5  | VOC  | 8260B       | VINYL CHLORIDE |        | ug/kg |            |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg | J          |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC  |             | VINYL CHLORIDE | ND     | ug/kg |            |

**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID       | Depth | Test | Test Method | Analyte                             | Result | Units | Qualifiers |
|---------|------------------|-----------------|-------|------|-------------|-------------------------------------|--------|-------|------------|
| RADIAN  | RADIAN-B-5       | AS-99           | 5     | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114          | 5     | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg | CJ         |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117          | 20    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120          | 21    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122          | 30    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147          | 0     | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250          | 3     | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253          | 15    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265          | 20    | VOC  |             | VINYL CHLORIDE                      | ND     | ug/kg |            |
| PNL     | GP-01            | Ascon-GP1-8'    | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 310    | mg/kg |            |
| PNL     | GP-02            | Ascon-GP2-12'   | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 73     | mg/kg |            |
| PNL     | GP-03            | Ascon-GP3-16'   | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 3.4    | mg/kg |            |
| PNL     | GP-04            | Ascon-GP4-16    | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 22     | mg/kg |            |
| PNL     | GP-05            | Ascon-GP5-12    | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-06            | Ascon-GP6-11    | 11    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 56     | mg/kg |            |
| PNL     | GP-07            | Ascon-GP7-8     | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 6.1    | mg/kg |            |
| PNL     | GP-08            | Ascon GP8-8'    | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1.8    | mg/kg |            |
| PNL     | GP-09            | Ascon GP9-8'    | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-10            | Ascon GP10B-11' | 11    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-10            | Ascon-GP10-17'  | 17    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 2.1    | mg/kg |            |
| PNL     | GP-11            | Ascon GP11-12'  | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-12            | Ascon-GP12-8'   | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-13            | Ascon-GP13-11'  | 11    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-14            | Ascon-GP14-24'  | 24    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1100   | mg/kg |            |
| PNL     | GP-15            | Ascon-GP15-16'  | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 3.8    | mg/kg |            |
| PNL     | GP-16            | Ascon-GP16-20'  | 20    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 2000   | mg/kg |            |
| PNL     | GP-17            | Ascon-GP17-12'  | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          |        | mg/kg |            |
| PNL     | GP-18            | Ascon-GP18-20'  | 20    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 2.9    | mg/kg |            |
| PNL     | GP-19            | Ascon-GP19-20'  | 20    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 34     | mg/kg |            |
| PNL     | GP-20            | Ascon-GP20-16'  | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 79     | mg/kg |            |
| PNL     | P-01             | Ascon-P1-10'    | 10    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1000   | mg/kg |            |
| PNL     | P-02             | Ascon-P2-13'    | 13    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1400   | mg/kg |            |
| PNL     | P-05             | Ascon-P5-19     | 19    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1400   | mg/kg |            |
| PNL     | P-07             | Ascon P7-13'    | 13    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 3.9    | mg/kg |            |
| PNL     | P-08             | Ascon-P8-8      | 8     | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1400   | mg/kg |            |
| PNL     | P-09             | Ascon-P9-18'    | 18    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS          | 1800   | mg/kg |            |
| PNL     | GP-21            | Ascon-GP21-12'  | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) |        | mg/kg |            |
| PNL     | GP-22            | Ascon-GP22-16'  | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 120    | mg/kg |            |
| PNL     | GP-23            | Ascon-GP23-16'  | 16    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 25     | mg/kg |            |
| PNL     | GP-24            | Ascon GP24-18   | 18    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 1800   | mg/kg |            |
| PNL     | GP-25            | Ascon-GP25-20   | 20    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 470    | mg/kg |            |
| PNL     | P-03             | Ascon-P3-12'    | 12    | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 490    | mg/kg |            |
| PNL     | P-04             | Ascon P4-13.5'  | 13.5  | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 9.5    | mg/kg |            |
| PNL     | P-06             | Ascon P6-21.5'  | 21.5  | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 790    | mg/kg |            |
| PNL     | P-10             | Ascon-P10-10.5' | 10.5  | TPH  | 8015 Mod.   | VOLATILE FUEL HYDROCARBONS (C6-C12) | 3300   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'   | 4     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1    | 18.3  | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-26            | WASTE, 26-01 #3 | 0     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-30            | WASTE, 30-01 #4 | 0     | VOC  |             | XYLENES (TOTAL)                     | 5700   | ug/kg |            |
| II      | II-31            | WASTE, 31-02 #3 | 0     | VOC  |             | XYLENES (TOTAL)                     | 1100   | ug/kg |            |
| II      | II-33            | WASTE, 33-01 #2 | 0     | VOC  |             | XYLENES (TOTAL)                     | 3900   | ug/kg |            |
| II      | II-35            | WASTE, 35-01 #1 | 0     | VOC  |             | XYLENES (TOTAL)                     | 2000   | ug/kg |            |
| II      | II-37            | WASTE, 37-02 #5 | 0     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-180    | 15    | VOC  |             | XYLENES (TOTAL)                     | 9900   | ug/kg |            |
| II      | II-40            | SOIL, 40-240    | 20    | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-40            | SOIL, 40-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-180    | 15    | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-41            | SOIL, 41-300    | 25    | VOC  |             | XYLENES (TOTAL)                     | 5.3    | ug/kg |            |
| II      | II-41            | SOIL, 41-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-42            | SOIL, 42-180    | 15    | VOC  |             | XYLENES (TOTAL)                     | 8000   | ug/kg |            |
| II      | II-42            | SOIL, 42-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | 7600   | ug/kg |            |
| II      | II-44            | SOIL, 44-180    | 15    | VOC  |             | XYLENES (TOTAL)                     | 62     | ug/kg |            |
| II      | II-44            | SOIL, 44-240    | 20    | VOC  |             | XYLENES (TOTAL)                     | 26000  | ug/kg |            |
| II      | II-45            | SOIL, 45-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | 3.9    | ug/kg |            |
| II      | II-47            | SOIL, 47-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | 16     | ug/kg |            |
| II      | II-48            | SOIL, 48-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-180    | 15    | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-49            | SOIL, 49-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |
| II      | II-50            | SOIL, 50-60     | 5     | VOC  |             | XYLENES (TOTAL)                     | ND     | ug/kg |            |

**Table E-4**  
Soil Data - Pre-Pilot Study No. 3 Investigations  
Ascon Landfill Site

| Company | Well/Boring Name | Sample ID         | Depth | Test  | Test Method | Analyte         | Result | Units | Qualifiers |
|---------|------------------|-------------------|-------|-------|-------------|-----------------|--------|-------|------------|
| II      | II-56            | SOIL, 56-180      | 15    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| II      | II-58            | SOIL, 58-120      | 10    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| II      | II-59            | SOIL, 59-60       | 5     | VOC   |             | XYLENES (TOTAL) | 17000  | ug/kg |            |
| II      | II-62            | SOIL, 62-82       | 7     | VOC   |             | XYLENES (TOTAL) | 22     | ug/kg |            |
| II      | II-64            | SOIL, 64-204      | 17    | VOC   |             | XYLENES (TOTAL) | 59     | ug/kg |            |
| II      | II-66            | SOIL, 66-120      | 10    | VOC   |             | XYLENES (TOTAL) | 450    | ug/kg |            |
| II      | II-66            | SOIL, 66-180      | 15    | VOC   |             | XYLENES (TOTAL) | 6.5    | ug/kg |            |
| II      | II-66            | SOIL, 66-60       | 5     | VOC   |             | XYLENES (TOTAL) | 31     | ug/kg |            |
| II      | II-67            | SOIL, 67-60       | 5     | VOC   |             | XYLENES (TOTAL) | 23     | ug/kg |            |
| II      | II-68            | SOIL, 68-60       | 5     | VOC   |             | XYLENES (TOTAL) | 3300   | ug/kg |            |
| II      | II-NMW-1         | SOIL, 51-166      | 14    | VOC   |             | XYLENES (TOTAL) | 20000  | ug/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'     | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'     | 4     | VOC   |             | XYLENES (TOTAL) | 13000  | ug/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'     | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'     | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'     | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-178            | 2     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-180            | 25    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-14            | AS-182            | 16    | VOC   |             | XYLENES (TOTAL) | 2200   | ug/kg |            |
| RADIAN  | MW-14            | AS-184            | 16    | VOC   |             | XYLENES (TOTAL) | 22000  | ug/kg |            |
| RADIAN  | MW-15            | AS-306            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-311            | 7     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-316            | 7     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | MW-15            | AS-321            | 10    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg | BJ         |
| RADIAN  | RADIAN-B-10      | AS-293            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-281            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-285            | 7     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-11      | AS-289            | 10    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-262            | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-12      | AS-268RE          | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-1A      | AS-271            | 4     | VOC   |             | XYLENES (TOTAL) | 8      | ug/kg |            |
| RADIAN  | RADIAN-B-2       | AS-242            | 15    | VOC   |             | XYLENES (TOTAL) | 170    | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-238            | 20    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-256            | 15    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-244            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-259            | 15    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-3       | AS-275            | 20    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-102            | 14    | VOC   |             | XYLENES (TOTAL) | 40     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-105            | 30    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-5       | AS-99             | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-114            | 5     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-117            | 20    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-120            | 21    | VOC   |             | XYLENES (TOTAL) | 6300   | ug/kg |            |
| RADIAN  | RADIAN-B-6       | AS-122            | 30    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-7       | AS-147            | 0     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-250            | 3     | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-253            | 15    | VOC   |             | XYLENES (TOTAL) | 7      | ug/kg |            |
| RADIAN  | RADIAN-B-8       | AS-265            | 20    | VOC   |             | XYLENES (TOTAL) | ND     | ug/kg |            |
| E&E     | AW-3             | E&E, AW-3         |       | METAL |             | ZINC            | 1740   | mg/kg |            |
| ESE     | CPT-1            | CPT1-10'          | 10    | METAL |             | ZINC            | 77     | mg/kg |            |
| ESE     | CPT-2            | CPT2-7            | 7     | METAL |             | ZINC            | 66     | mg/kg |            |
| ESE     | CPT-3            | CPT3-8            | 8     | METAL |             | ZINC            | 52     | mg/kg |            |
| ESE     | CPT-4            | CPT4-7            | 7     | METAL |             | ZINC            | 67     | mg/kg |            |
| ESE     | CPT-5            | CPT5-6            | 6     | METAL |             | ZINC            | 60     | mg/kg |            |
| ESE     | CPT-6            | CPT6-5.5          | 5.5   | METAL |             | ZINC            | 79     | mg/kg |            |
| ESE     | CPT-7            | CPT7-8            | 8     | METAL |             | ZINC            | 12     | mg/kg |            |
| ESE     | CPT-8            | CPT8-5.5          | 5.5   | METAL |             | ZINC            | 78     | mg/kg |            |
| DOHS    | DOHS-767         | DOHS-767          | 0     | METAL |             | ZINC            | 25     | mg/kg |            |
| DOHS    | DOHS-768         | DOHS-768          | 1     | METAL |             | ZINC            | 54     | mg/kg |            |
| DOHS    | DOHS-769         | DOHS-769          | 0     | METAL |             | ZINC            | 65     | mg/kg |            |
| DOHS    | DOHS-770         | DOHS-770          | 0     | METAL |             | ZINC            | 200    | mg/kg |            |
| OCEMA   | EMA-SD           | EMA-SD            | 17.3  | METAL |             | ZINC            | 24     | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-4'     | 4     | METAL |             | ZINC            | 1600   | mg/kg |            |
| ESE     | ESE97-L1-1       | SOIL, L1-1-7'     | 7     | METAL |             | ZINC            | 95     | mg/kg |            |
| ESE     | F-ESE-1          | SOIL, F-ESE1      | 18.3  | METAL |             | ZINC            | 4      | mg/kg |            |
| II      | II-22            | SOIL, 22-06       | 0.5   | METAL |             | ZINC            | 150    | mg/kg |            |
| II      | II-24            | SOIL, 24-10-01    | 0     | METAL |             | ZINC            | 78     | mg/kg |            |
| II      | II-25            | SOIL, 25-30       | 2.5   | METAL |             | ZINC            | 72     | mg/kg |            |
| II      | II-26            | SOIL, 26-06       | 0.5   | METAL |             | ZINC            | ND     | mg/kg |            |
| II      | II-26            | SOIL, 26-06       | 0.5   | METAL |             | ZINC            | 68     | mg/kg |            |
| II      | II-26            | WASTE, 26-02 #3   | 0     | METAL |             | ZINC            | 200    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| II      | II-26            | WASTE, 26-03 #3    | 0     | METAL |             | ZINC    | ND     | mg/kg |            |
| II      | II-3             | SOIL, 3-06         | 0.5   | METAL |             | ZINC    | 180    | mg/kg |            |
| II      | II-30            | SOIL, 30-01 #4     | 0     | METAL |             | ZINC    | ND     | mg/kg |            |
| II      | II-30            | WASTE, 30-01 #4    | 0     | METAL |             | ZINC    | 250    | mg/kg |            |
| II      | II-33            | WASTE, 33-02 #2    | 0     | METAL |             | ZINC    | 450    | mg/kg |            |
| II      | II-35            | WASTE, 35-02 #1    | 0     | METAL |             | ZINC    | 590    | mg/kg |            |
| II      | II-37            | WASTE, 37-02 #5    | 0     | METAL |             | ZINC    | 170    | mg/kg |            |
| II      | II-38            | WASTE, 38-01 #5    | 0     | METAL |             | ZINC    | 180    | mg/kg |            |
| II      | II-40            | SOIL, 40-60        | 5     | METAL |             | ZINC    | 98     | mg/kg |            |
| II      | II-41            | SOIL, 41-180       | 15    | METAL |             | ZINC    | 110    | mg/kg |            |
| II      | II-41            | SOIL, 41-60        | 5     | METAL |             | ZINC    | 160    | mg/kg |            |
| II      | II-42            | SOIL, 42-120       | 10    | METAL |             | ZINC    | 25     | mg/kg |            |
| II      | II-42            | SOIL, 42-240       | 20    | METAL |             | ZINC    | 180    | mg/kg |            |
| II      | II-42            | SOIL, 42-300       | 25    | METAL |             | ZINC    | 46     | mg/kg |            |
| II      | II-42            | SOIL, 42-60        | 5     | METAL |             | ZINC    | 29     | mg/kg |            |
| II      | II-43            | SOIL, 43-96        | 8     | METAL |             | ZINC    | 85     | mg/kg |            |
| II      | II-44            | SOIL, 44-120       | 10    | METAL |             | ZINC    | 110    | mg/kg |            |
| II      | II-44            | SOIL, 44-240       | 20    | METAL |             | ZINC    | 150    | mg/kg |            |
| II      | II-45            | SOIL, 45-180       | 15    | METAL |             | ZINC    | 130    | mg/kg |            |
| II      | II-45            | SOIL, 45-60        | 5     | METAL |             | ZINC    | 69     | mg/kg |            |
| II      | II-48            | SOIL, 48-60        | 5     | METAL |             | ZINC    | 69     | mg/kg |            |
| II      | II-49            | SOIL, 49-60        | 5     | METAL |             | ZINC    | 85     | mg/kg |            |
| II      | II-50            | SOIL, 50-60        | 5     | METAL |             | ZINC    | 110    | mg/kg |            |
| II      | II-56            | SOIL, 56-180       | 15    | METAL |             | ZINC    | 83     | mg/kg |            |
| II      | II-58            | SOIL, 58-120       | 10    | METAL |             | ZINC    | 170    | mg/kg |            |
| II      | II-64            | SOIL, 64-204       | 17    | METAL |             | ZINC    | 94     | mg/kg |            |
| II      | II-64            | SOIL, 64-60        | 5     | METAL |             | ZINC    | 82     | mg/kg |            |
| II      | II-66            | SOIL, 66-120       | 10    | METAL |             | ZINC    | 140    | mg/kg |            |
| II      | II-66            | SOIL, 66-180       | 15    | METAL |             | ZINC    | 87     | mg/kg |            |
| II      | II-67            | SOIL, 67-120       | 10    | METAL |             | ZINC    | 77     | mg/kg |            |
| II      | II-67            | SOIL, 67-240       | 20    | METAL |             | ZINC    | 78     | mg/kg |            |
| II      | II-NMW-1         | SOIL, 51-166       | 14    | METAL |             | ZINC    | 120    | mg/kg |            |
| ESE     | L1-2             | SOIL, L1-2-5'      | 5     | METAL |             | ZINC    | 77     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-12'     | 12    | METAL |             | ZINC    | 76     | mg/kg |            |
| ESE     | L2-2             | SOIL, L2-2-4'      | 4     | METAL |             | ZINC    | 1200   | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15'     | 15    | METAL |             | ZINC    | 170    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-15' DUP | 15    | METAL |             | ZINC    | 190    | mg/kg |            |
| ESE     | L3-2             | SOIL, L3-2-5'      | 5     | METAL |             | ZINC    | 64     | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-12'     | 12    | METAL |             | ZINC    | 100    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5'      | 5     | METAL |             | ZINC    | 460    | mg/kg |            |
| ESE     | L4-2             | SOIL, L4-2-5' DUP  | 5     | METAL |             | ZINC    | 200    | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-12'     | 12    | METAL |             | ZINC    | 58     | mg/kg |            |
| ESE     | L5-2             | SOIL, L5-2-5'      | 5     | METAL |             | ZINC    | 67     | mg/kg |            |
| RADIAN  | LS-1             | LS1, AS-127        | 0     | METAL |             | ZINC    | 300    | mg/kg |            |
| RADIAN  | LS-2             | LS2, AS-130        | 0     | METAL |             | ZINC    | 320    | mg/kg |            |
| RADIAN  | LS-3             | LS3, AS-133        | 0     | METAL |             | ZINC    | 320    | mg/kg |            |
| RADIAN  | LS-4             | LS4, AS-134        | 0     | METAL |             | ZINC    | 34     | mg/kg |            |
| RADIAN  | LS-5             | LS5, AS-139        | 0     | METAL |             | ZINC    | 45     | mg/kg |            |
| RADIAN  | MW-13            | AS-91              | 5     | METAL |             | ZINC    | 71     | mg/kg |            |
| RADIAN  | MW-13            | AS-94              | 15    | METAL |             | ZINC    | 15     | mg/kg |            |
| RADIAN  | MW-13            | AS-97              | 15    | METAL |             | ZINC    | 7.9    | mg/kg |            |
| RADIAN  | MW-14            | AS-179             | 2     | METAL |             | ZINC    | 110    | mg/kg |            |
| RADIAN  | MW-14            | AS-181             | 25    | METAL |             | ZINC    | 63     | mg/kg |            |
| RADIAN  | MW-14            | AS-183             | 15    | METAL |             | ZINC    | 180    | mg/kg |            |
| RADIAN  | MW-14            | AS-185             | 16    | METAL |             | ZINC    | 660    | mg/kg |            |
| RADIAN  | MW-15            | AS-308             | 3     | METAL |             | ZINC    | 85     | mg/kg |            |
| RADIAN  | MW-15            | AS-313             | 3     | METAL |             | ZINC    | 77     | mg/kg |            |
| RADIAN  | MW-15            | AS-318             | 3     | METAL |             | ZINC    | 70     | mg/kg |            |
| RADIAN  | MW-15            | AS-323             | 3     | METAL |             | ZINC    | 32     | mg/kg |            |
| RADIAN  | MW-4             | AS-170             | 5     | METAL |             | ZINC    | 130    | mg/kg |            |
| RADIAN  | MW-4             | AS-172             | 15    | METAL |             | ZINC    | 61     | mg/kg |            |
| RADIAN  | MW-4             | AS-174             | 20    | METAL |             | ZINC    | 49     | mg/kg |            |
| RADIAN  | MW-9             | AS-75              | 5     | METAL |             | ZINC    | 73     | mg/kg |            |
| RADIAN  | MW-9             | AS-78              | 10    | METAL |             | ZINC    | 80     | mg/kg |            |
| RADIAN  | MW-9             | AS-81              | 15    | METAL |             | ZINC    | 20     | mg/kg |            |
| RADIAN  | MW-9             | AS-84              | 20    | METAL |             | ZINC    | 39     | mg/kg |            |
| RADIAN  | MW-9             | AS-86              | 15    | METAL |             | ZINC    | 23     | mg/kg |            |
| OWR     | OWR1             | OWR-1              | 4.5   | METAL |             | ZINC    | 300    | mg/kg |            |
| OWR     | OWR2             | OWR-2              | 4.5   | METAL |             | ZINC    | 350    | mg/kg |            |
| OWR     | OWR3             | OWR-3              | 4.5   | METAL |             | ZINC    | 190    | mg/kg |            |
| OWR     | OWR4             | OWR-4              | 4.5   | METAL |             | ZINC    | 360    | mg/kg |            |
| OWR     | OWR5             | OWR-5              | 4.5   | METAL |             | ZINC    | 750    | mg/kg |            |
| OWR     | OWR6             | OWR-6              | 4.5   | METAL |             | ZINC    | 200    | mg/kg |            |

**Table E-4**  
**Soil Data - Pre-Pilot Study No. 3 Investigations**  
**Ascon Landfill Site**

| Company | Well/Boring Name | Sample ID          | Depth | Test  | Test Method | Analyte | Result | Units | Qualifiers |
|---------|------------------|--------------------|-------|-------|-------------|---------|--------|-------|------------|
| OWR     | OWR7             | OWR-7              | 4.5   | METAL |             | ZINC    | 420    | mg/kg |            |
| RADIAN  | RADIAN-B-10      | AS-295             | 3     | METAL |             | ZINC    | 42     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-283             | 3     | METAL |             | ZINC    | 56     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-287             | 7     | METAL |             | ZINC    | 61     | mg/kg |            |
| RADIAN  | RADIAN-B-11      | AS-291             | 10    | METAL |             | ZINC    | 58     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-263             | 5     | METAL |             | ZINC    | 60     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-269             | 3     | METAL |             | ZINC    | 80     | mg/kg |            |
| RADIAN  | RADIAN-B-12      | AS-272             | 4     | METAL |             | ZINC    | 88     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-236             | 21    | METAL |             | ZINC    | 76     | mg/kg |            |
| RADIAN  | RADIAN-B-2       | AS-241             | 15    | METAL |             | ZINC    | 91     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-233             | 5     | METAL |             | ZINC    | 430    | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-239             | 20    | METAL |             | ZINC    | 91     | mg/kg |            |
| RADIAN  | RADIAN-B-2A      | AS-257             | 15    | METAL |             | ZINC    | 83     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-243             | 3     | METAL |             | ZINC    | 180    | mg/kg | TM         |
| RADIAN  | RADIAN-B-3       | AS-260             | 15    | METAL |             | ZINC    | 59     | mg/kg |            |
| RADIAN  | RADIAN-B-3       | AS-273             | 20    | METAL |             | ZINC    | 260    | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-100             | 5     | METAL |             | ZINC    | 82     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-103             | 14    | METAL |             | ZINC    | 97     | mg/kg |            |
| RADIAN  | RADIAN-B-5       | AS-106             | 30    | METAL |             | ZINC    | 11     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-115             | 5     | METAL |             | ZINC    | 74     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-118             | 20    | METAL |             | ZINC    | 230    | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-121             | 21    | METAL |             | ZINC    | 87     | mg/kg |            |
| RADIAN  | RADIAN-B-6       | AS-123             | 30    | METAL |             | ZINC    | 27     | mg/kg | TM         |
| RADIAN  | RADIAN-B-7       | AS-145             | 0     | METAL |             | ZINC    | 13     | mg/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-251             | 3     | METAL |             | ZINC    | 48     | mg/kg | TM         |
| RADIAN  | RADIAN-B-8       | AS-254             | 15    | METAL |             | ZINC    | 56     | mg/kg |            |
| RADIAN  | RADIAN-B-8       | AS-266             | 20    | METAL |             | ZINC    | 17     | mg/kg |            |
| RADIAN  | RADIAN-BH-1      | AS-11              |       | METAL |             | ZINC    | 79     | mg/kg |            |
| RADIAN  | RADIAN-BH-2      | AS-18              |       | METAL |             | ZINC    | 54     | mg/kg |            |
| RADIAN  | RADIAN-S-1       | AS-1               | 0.25  | METAL |             | ZINC    | 170    | mg/kg |            |
| RADIAN  | RADIAN-S-2       | AS-6               | 0.25  | METAL |             | ZINC    | 220    | mg/kg |            |
| RADIAN  | RADIAN-S-3       | AS-9               | 0.25  | METAL |             | ZINC    | 340    | mg/kg |            |
| SE      | SE-B-2           | SE, B-2            |       | METAL |             | ZINC    | 91     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | ZINC    | 64     | mg/kg |            |
| WCC     | WCC-B-1          | WCC, B-1 (BECHTEL) |       | METAL |             | ZINC    | 140    | mg/kg |            |
| WCC     | WCC-B-2          | WCC, B-2 (BECHTEL) |       | METAL |             | ZINC    | 75     | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ZINC    | 110    | mg/kg |            |
| WCC     | WCC-B-3          | WCC, B-3 (BECHTEL) |       | METAL |             | ZINC    | 48     | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ZINC    | 120    | mg/kg |            |
| WCC     | WCC-B-4          | WCC, B-4 (BECHTEL) |       | METAL |             | ZINC    | 36     | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ZINC    | 100    | mg/kg |            |
| WCC     | WCC-B-5          | WCC, B-5 (BECHTEL) |       | METAL |             | ZINC    | 68     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | ZINC    | 43     | mg/kg |            |
| WCC     | WCC-B-6          | WCC, B-6 (BECHTEL) |       | METAL |             | ZINC    | 21     | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ZINC    | 320    | mg/kg |            |
| WCC     | WCC-B-7          | WCC, B-7 (BECHTEL) |       | METAL |             | ZINC    | 20     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ZINC    | 92     | mg/kg |            |
| WCC     | WCC-B-8          | WCC, B-8 (BECHTEL) |       | METAL |             | ZINC    | 69     | mg/kg |            |

See laboratory reports in respective source reports for explanation of data qualifiers.

DOHS = Department of Health Services, 1980, 1981

ESE = Environmental Science and Engineering, Inc., 1996, 1997

II = ISCO Industries/ITARA Engineers, 1992

OCEMA = Orange County Environmental Management Agency, 1981

OWR = Oil Well Research, 1983

PNL = Project Navigator, Ltd., 2002

Radian = Radian Corporation, 1988

WCC = Woodward Clyde Consultants, 1983

**Table E-5**  
**TCLP Data -- Remedial Investigation**  
**Ascon Landfill Site**

| Well Name | Sample ID | Test        | Analyte          | Result | DL   | Units |
|-----------|-----------|-------------|------------------|--------|------|-------|
| II-40     | 40-180    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-40     | 40-300    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-40     | 40-240    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-41     | 41-300    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-42     | 42-180    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-45     | 45-120    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-49     | 49-120    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-49     | 49-180    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-49     | 49-240    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-50     | 50-120    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-50     | 50-150    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-50     | 50-180    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-50     | 50-240    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-56     | 56-350    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-59     | 59-120    | TCLP-METALS | ARSENIC          | ND     | 0.5  | mg/l  |
| II-40     | 40-240    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-40     | 40-300    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-40     | 40-180    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-41     | 41-300    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-42     | 42-180    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-45     | 45-120    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-49     | 49-120    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-49     | 49-180    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-49     | 49-240    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-50     | 50-120    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-50     | 50-150    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-50     | 50-180    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-50     | 50-240    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-56     | 56-350    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-59     | 59-120    | TCLP-METALS | BARIUM           | ND     | 10   | mg/l  |
| II-40     | 40-240    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-40     | 40-300    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-40     | 40-180    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-41     | 41-300    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-42     | 42-180    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-45     | 45-120    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-49     | 49-120    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-49     | 49-180    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-49     | 49-240    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-50     | 50-120    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-50     | 50-150    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-50     | 50-180    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-50     | 50-240    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-56     | 56-350    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| II-59     | 59-120    | TCLP-METALS | CADMIUM          | ND     | 0.1  | mg/l  |
| L1-1      | L1-1-4'   | WET-METALS  | CADMIUM          | ND     | 0.05 | mg/l  |
| II-40     | 40-240    | TCLP-METALS | CHROMIUM (TOTAL) | ND     | 0.5  | mg/l  |



**Table E-5**  
**TCLP Data -- Remedial Investigation**  
**Ascon Landfill Site**

| Well Name | Sample ID | Test        | Analyte          | Result     | DL    | Units |
|-----------|-----------|-------------|------------------|------------|-------|-------|
| II-40     | 40-300    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-40     | 40-180    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-41     | 41-300    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-42     | 42-180    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-45     | 45-120    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-49     | 49-120    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-49     | 49-180    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-49     | 49-240    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-50     | 50-240    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-50     | 50-120    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-50     | 50-150    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-50     | 50-180    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-56     | 56-350    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| II-59     | 59-120    | TCLP-METALS | CHROMIUM (TOTAL) | ND         | 0.5   | mg/l  |
| L1-1      | L1-1-4'   | WET-METALS  | CHROMIUM (TOTAL) | <b>5.1</b> | 0.05  | mg/l  |
| II-40     | 40-240    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-40     | 40-300    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-40     | 40-180    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-41     | 41-300    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-42     | 42-180    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-45     | 45-120    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-49     | 49-120    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-49     | 49-180    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-49     | 49-240    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-50     | 50-240    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-50     | 50-120    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-50     | 50-150    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-50     | 50-180    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-56     | 56-350    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| II-59     | 59-120    | TCLP-METALS | LEAD             | ND         | 0.5   | mg/l  |
| L1-1      | L1-1-4'   | WET-METALS  | LEAD             | 2.9        | 0.05  | mg/l  |
| L4-2      | L4-2-5'   | WET-METALS  | LEAD             | <b>58</b>  | 0.05  | mg/l  |
| II-40     | 40-240    | TCLP-METALS | MERCURY          | ND         | 0.002 | mg/l  |
| II-40     | 40-300    | TCLP-METALS | MERCURY          | ND         | 0.002 | mg/l  |
| II-40     | 40-180    | TCLP-METALS | MERCURY          | ND         | 0.002 | mg/l  |
| II-41     | 41-300    | TCLP-METALS | MERCURY          | ND         | 0.002 | mg/l  |
| II-42     | 42-180    | TCLP-METALS | MERCURY          | ND         | 0.02  | mg/l  |
| II-45     | 45-120    | TCLP-METALS | MERCURY          | ND         | 0.02  | mg/l  |
| II-49     | 49-120    | TCLP-METALS | MERCURY          | ND         | 0.02  | mg/l  |
| II-49     | 49-180    | TCLP-METALS | MERCURY          | 0.015      | 0.002 | mg/l  |
| II-49     | 49-240    | TCLP-METALS | MERCURY          | ND         | 0.02  | mg/l  |
| II-50     | 50-240    | TCLP-METALS | MERCURY          | 0.22       | 0.002 | mg/l  |
| II-50     | 50-120    | TCLP-METALS | MERCURY          | ND         | 0.02  | mg/l  |
| II-50     | 50-150    | TCLP-METALS | MERCURY          | 0.077      | 0.002 | mg/l  |
| II-50     | 50-180    | TCLP-METALS | MERCURY          | 0.067      | 0.002 | mg/l  |
| II-56     | 56-350    | TCLP-METALS | MERCURY          | 0.039      | 0.002 | mg/l  |
| II-59     | 59-120    | TCLP-METALS | MERCURY          | ND         | 0.002 | mg/l  |

**Table E-5**  
**TCLP Data -- Remedial Investigation**  
**Ascon Landfill Site**

| Well Name | Sample ID | Test        | Analyte  | Result | DL  | Units |
|-----------|-----------|-------------|----------|--------|-----|-------|
| II-40     | 40-240    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-40     | 40-300    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-40     | 40-180    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-41     | 41-300    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-42     | 42-180    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-45     | 45-120    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-49     | 49-120    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-49     | 49-180    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-49     | 49-240    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-50     | 50-240    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-50     | 50-120    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-50     | 50-150    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-50     | 50-180    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-56     | 56-350    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-59     | 59-120    | TCLP-METALS | SELENIUM | ND     | 0.1 | mg/l  |
| II-40     | 40-240    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-40     | 40-300    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-40     | 40-180    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-41     | 41-300    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-42     | 42-180    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-45     | 45-120    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-49     | 49-120    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-49     | 49-180    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-49     | 49-240    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-50     | 50-240    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-50     | 50-120    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-50     | 50-150    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-50     | 50-180    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-56     | 56-350    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |
| II-59     | 59-120    | TCLP-METALS | SILVER   | ND     | 0.5 | mg/l  |

TCLP = Toxicity Characteristic Leachate Procedure

DL = Detection Limit

TCLP exceedences shown in **bold**