



LABORATORY REPORT

Prepared For: Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project: Ascon - Soils  
SB0202-31

Sampled: 05/05/04  
Received: 05/05/04  
Issued: 06/06/04 12:00

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.  
This entire report was reviewed and approved for release.*

CASE NARRATIVE

- SAMPLE RECEIPT: Samples were received intact, at 1°C, on ice and with chain of custody documentation.
- HOLDING TIMES: Holding times were met.
- PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
- QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
- COMMENTS: No significant observations were made.
- SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
INE0228-01	PNL-6-9.5'-EC	Soil
INE0228-02	PNL-6	Soil
INE0228-03	PNL-6-15.5'-EC	Soil
INE0228-04	PNL-6-21.5'-EC	Soil
INE0228-05	PNL-9 FILL	Soil
INE0228-06	PNL-9-10'-EC	Soil
INE0228-07	PNL-9	Soil
INE0228-08	PNL-9-15.5'-EC	Soil
INE0228-09	PNL-9-18.5'-EC	Soil
INE0228-10	PNL-8-9.5'-EC	Soil



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Report Number: INE0228

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### LABORATORY ID

INE0228-11  
INE0228-15  
INE0228-19

### CLIENT ID

PNL-8  
PNL-8-18.5'-EC  
PNL-8-24.5'-EC

### MATRIX

Soil  
Soil  
Soil

Reviewed By:

**Del Mar Analytical, Irvine**  
Amanda Cordova  
Project Manager



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**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>Total Recoverable Hydrocarbons</b>	EPA 418.1	4E07080	250	<b>4300</b>	50	5/7/2004	5/7/2004	
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>Total Recoverable Hydrocarbons</b>	EPA 418.1	4E07080	50	<b>1200</b>	5	5/7/2004	5/7/2004	
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>Total Recoverable Hydrocarbons</b>	EPA 418.1	4E07080	300	<b>7000</b>	20	5/7/2004	5/7/2004	
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>Total Recoverable Hydrocarbons</b>	EPA 418.1	4E07080	1000	<b>68000</b>	100	5/7/2004	5/7/2004	

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## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E07033	620	ND	125	5/7/2004	5/14/2004	
<b>DRO/ORO (C13 - C40)</b>	EPA 8015B MOD.	4E07033	620	<b>5100</b>	125	5/7/2004	5/14/2004	
<b>EFH (C6 - C40)</b>	EPA 8015B MOD.	4E07033	620	<b>5600</b>	125	5/7/2004	5/14/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				309 %				Z3
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E07033	100	ND	20	5/7/2004	5/14/2004	
<b>DRO/ORO (C13 - C40)</b>	EPA 8015B MOD.	4E07033	100	<b>640</b>	20	5/7/2004	5/14/2004	
<b>EFH (C6 - C40)</b>	EPA 8015B MOD.	4E07033	100	<b>670</b>	20	5/7/2004	5/14/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				157 %				Z3
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>GRO (C6 - C12)</b>	EPA 8015B MOD.	4E07033	250	<b>780</b>	50	5/7/2004	5/14/2004	
<b>DRO/ORO (C13 - C40)</b>	EPA 8015B MOD.	4E07033	250	<b>8700</b>	50	5/7/2004	5/14/2004	
<b>EFH (C6 - C40)</b>	EPA 8015B MOD.	4E07033	250	<b>9500</b>	50	5/7/2004	5/14/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				372 %				Z3
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
Reporting Units: mg/kg								
<b>GRO (C6 - C12)</b>	EPA 8015B MOD.	4E07033	2500	<b>4100</b>	500	5/7/2004	5/14/2004	
<b>DRO/ORO (C13 - C40)</b>	EPA 8015B MOD.	4E07033	2500	<b>29000</b>	500	5/7/2004	5/14/2004	
<b>EFH (C6 - C40)</b>	EPA 8015B MOD.	4E07033	2500	<b>33000</b>	500	5/7/2004	5/14/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				1340 %				Z3

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**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>RL-2</b>
<b>Reporting Units: ug/kg</b>								
<b>Benzene</b>	EPA 8260B	4E09018	10	<b>12</b>	5	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
<b>n-Butylbenzene</b>	EPA 8260B	4E09018	25	<b>41</b>	5	5/9/2004	5/9/2004	
<b>sec-Butylbenzene</b>	EPA 8260B	4E09018	25	<b>28</b>	5	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	M1
1,2-Dibromoethane (EDB)	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
<b>Ethylbenzene</b>	EPA 8260B	4E09018	10	<b>61</b>	5	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	M2
<b>Isopropylbenzene</b>	EPA 8260B	4E09018	10	<b>41</b>	5	5/9/2004	5/9/2004	
<b>p-Isopropyltoluene</b>	EPA 8260B	4E09018	10	<b>28</b>	5	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09018	100	ND	5	5/9/2004	5/9/2004	
<b>Naphthalene</b>	EPA 8260B	4E09018	25	<b>140</b>	5	5/9/2004	5/9/2004	

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Sampled: 05/05/04  
 Received: 05/05/04

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				<b>RL-2</b>
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09018	10	<b>54</b>	5	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Toluene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09018	50	ND	5	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09018	10	<b>110</b>	5	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09018	10	<b>31</b>	5	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09018	10	<b>57</b>	5	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09018	10	<b>82</b>	5	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				99 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				107 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				101 %				

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Sampled: 05/05/04  
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**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Bromobenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Bromochloromethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Bromodichloromethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Bromoform	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Bromomethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
n-Butylbenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
sec-Butylbenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
tert-Butylbenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Carbon tetrachloride	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Chlorobenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Chloroethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Chloroform	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Chloromethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
2-Chlorotoluene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
4-Chlorotoluene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Dibromochloromethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Dibromomethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,2-Dichlorobenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,3-Dichlorobenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,4-Dichlorobenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Dichlorodifluoromethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,1-Dichloroethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,2-Dichloroethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,1-Dichloroethene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,2-Dichloropropane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,3-Dichloropropane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
2,2-Dichloropropane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,1-Dichloropropene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Ethylbenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Hexachlorobutadiene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
Isopropylbenzene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
<b>p-Isopropyltoluene</b>	EPA 8260B	4E10011	2.0	<b>2.6</b>	1	5/10/2004	5/10/2004	
Methylene chloride	EPA 8260B	4E10011	20	ND	1	5/10/2004	5/10/2004	
<b>Naphthalene</b>	EPA 8260B	4E10011	5.0	<b>10</b>	1	5/10/2004	5/10/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E10011	2.0	<b>2.9</b>	1	5/10/2004	5/10/2004	
Styrene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Tetrachloroethene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Toluene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,1,1-Trichloroethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
1,1,2-Trichloroethane	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Trichloroethene	EPA 8260B	4E10011	2.0	ND	1	5/10/2004	5/10/2004	
Trichlorofluoromethane	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
1,2,3-Trichloropropane	EPA 8260B	4E10011	10	ND	1	5/10/2004	5/10/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E10011	2.0	<b>14</b>	1	5/10/2004	5/10/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E10011	2.0	<b>3.5</b>	1	5/10/2004	5/10/2004	
Vinyl chloride	EPA 8260B	4E10011	5.0	ND	1	5/10/2004	5/10/2004	
<b>o-Xylene</b>	EPA 8260B	4E10011	2.0	<b>2.7</b>	1	5/10/2004	5/10/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E10011	2.0	<b>5.3</b>	1	5/10/2004	5/10/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>106 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>109 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>105 %</i>				

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Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09018	10	12	5	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
n-Butylbenzene	EPA 8260B	4E09018	25	260	5	5/9/2004	5/9/2004	
sec-Butylbenzene	EPA 8260B	4E09018	25	290	5	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Ethylbenzene	EPA 8260B	4E09018	10	480	5	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
Isopropylbenzene	EPA 8260B	4E09018	10	730	5	5/9/2004	5/9/2004	
p-Isopropyltoluene	EPA 8260B	4E09018	10	420	5	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09018	100	ND	5	5/9/2004	5/9/2004	
Naphthalene	EPA 8260B	4E09018	25	820	5	5/9/2004	5/9/2004	

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### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-07 (PNL-9 - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09018	10	<b>960</b>	5	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
<b>Toluene</b>	EPA 8260B	4E09018	10	<b>10</b>	5	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09018	10	ND	5	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09018	50	ND	5	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09018	10	<b>1400</b>	5	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09018	10	<b>280</b>	5	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09018	25	ND	5	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09018	10	<b>27</b>	5	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09018	10	<b>410</b>	5	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				92 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				107 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				99 %				

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## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Bromobenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Bromochloromethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Bromodichloromethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Bromoform	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Bromomethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
n-Butylbenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
sec-Butylbenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
tert-Butylbenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Carbon tetrachloride	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Chlorobenzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Chloroethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Chloroform	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Chloromethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
2-Chlorotoluene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
4-Chlorotoluene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Dibromochloromethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Dibromomethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,2-Dichlorobenzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,3-Dichlorobenzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,4-Dichlorobenzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Dichlorodifluoromethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,1-Dichloroethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,2-Dichloroethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,1-Dichloroethene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,2-Dichloropropane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,3-Dichloropropane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
2,2-Dichloropropane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,1-Dichloropropene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
<b>Ethylbenzene</b>	EPA 8260B	4E12014	2000	<b>6400</b>	2000	5/12/2004	5/14/2004	
Hexachlorobutadiene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
Isopropylbenzene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
<b>p-Isopropyltoluene</b>	EPA 8260B	4E12014	2000	<b>2300</b>	2000	5/12/2004	5/14/2004	
Methylene chloride	EPA 8260B	4E12014	20000	ND	2000	5/12/2004	5/14/2004	
<b>Naphthalene</b>	EPA 8260B	4E12014	5000	<b>170000</b>	2000	5/12/2004	5/14/2004	

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**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E12014	2000	<b>2900</b>	2000	5/12/2004	5/14/2004	
<b>Styrene</b>	EPA 8260B	4E12014	2000	<b>2500</b>	2000	5/12/2004	5/14/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Tetrachloroethene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
<b>Toluene</b>	EPA 8260B	4E12014	2000	<b>3200</b>	2000	5/12/2004	5/14/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,1,1-Trichloroethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
1,1,2-Trichloroethane	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Trichloroethene	EPA 8260B	4E12014	2000	ND	2000	5/12/2004	5/14/2004	
Trichlorofluoromethane	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
1,2,3-Trichloropropane	EPA 8260B	4E12014	10000	ND	2000	5/12/2004	5/14/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E12014	2000	<b>12000</b>	2000	5/12/2004	5/14/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E12014	2000	<b>3000</b>	2000	5/12/2004	5/14/2004	
Vinyl chloride	EPA 8260B	4E12014	5000	ND	2000	5/12/2004	5/14/2004	
<b>o-Xylene</b>	EPA 8260B	4E12014	2000	<b>3600</b>	2000	5/12/2004	5/14/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E12014	2000	<b>7300</b>	2000	5/12/2004	5/14/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				84 %				Z3
<i>Surrogate: Toluene-d8 (60-160%)</i>				96 %				Z3
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				125 %				Z3

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-01 (PNL-6-9.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Bromobenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Bromochloromethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Bromodichloromethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Bromoform	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Bromomethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
n-Butylbenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
sec-Butylbenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
tert-Butylbenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Carbon tetrachloride	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
<b>Chlorobenzene</b>	EPA 8260B	4E10022	2.0	<b>3.2</b>	0.954	5/10/2004	5/10/2004	
Chloroethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Chloroform	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Chloromethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
2-Chlorotoluene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
4-Chlorotoluene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Dibromochloromethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Dibromomethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,2-Dichlorobenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,3-Dichlorobenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,4-Dichlorobenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Dichlorodifluoromethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,1-Dichloroethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,2-Dichloroethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,1-Dichloroethene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,2-Dichloropropane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,3-Dichloropropane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
2,2-Dichloropropane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,1-Dichloropropene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Ethylbenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Hexachlorobutadiene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
Isopropylbenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
p-Isopropyltoluene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Methylene chloride	EPA 8260B	4E10022	20	ND	0.954	5/10/2004	5/10/2004	
Naphthalene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	

**Del Mar Analytical, Irvine**  
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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-01 (PNL-6-9.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Styrene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Tetrachloroethene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Toluene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,1,1-Trichloroethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,1,2-Trichloroethane	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Trichloroethene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Trichlorofluoromethane	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
1,2,3-Trichloropropane	EPA 8260B	4E10022	10	ND	0.954	5/10/2004	5/10/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
Vinyl chloride	EPA 8260B	4E10022	5.0	ND	0.954	5/10/2004	5/10/2004	
o-Xylene	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
m,p-Xylenes	EPA 8260B	4E10022	2.0	ND	0.954	5/10/2004	5/10/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				101 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				107 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				101 %				

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-03 (PNL-6-15.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
<b>n-Butylbenzene</b>	EPA 8260B	4E09008	340	<b>1100</b>	135	5/9/2004	5/9/2004	
<b>sec-Butylbenzene</b>	EPA 8260B	4E09008	340	<b>690</b>	135	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
<b>Ethylbenzene</b>	EPA 8260B	4E09008	140	<b>1200</b>	135	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
<b>Isopropylbenzene</b>	EPA 8260B	4E09008	140	<b>900</b>	135	5/9/2004	5/9/2004	
<b>p-Isopropyltoluene</b>	EPA 8260B	4E09008	140	<b>670</b>	135	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09008	1400	ND	135	5/9/2004	5/9/2004	
<b>Naphthalene</b>	EPA 8260B	4E09008	340	<b>2400</b>	135	5/9/2004	5/9/2004	

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-03 (PNL-6-15.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	140	<b>1400</b>	135	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Toluene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09008	140	ND	135	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	680	ND	135	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	140	<b>2600</b>	135	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	140	<b>720</b>	135	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09008	340	ND	135	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	140	<b>510</b>	135	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	140	<b>1400</b>	135	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				120 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				116 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				120 %				

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-04 (PNL-6-21.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	120	270	117	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
n-Butylbenzene	EPA 8260B	4E09008	290	840	117	5/9/2004	5/9/2004	
sec-Butylbenzene	EPA 8260B	4E09008	290	530	117	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Ethylbenzene	EPA 8260B	4E09008	120	1300	117	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
Isopropylbenzene	EPA 8260B	4E09008	120	720	117	5/9/2004	5/9/2004	
p-Isopropyltoluene	EPA 8260B	4E09008	120	910	117	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09008	1200	ND	117	5/9/2004	5/9/2004	
Naphthalene	EPA 8260B	4E09008	290	2700	117	5/9/2004	5/9/2004	

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-04 (PNL-6-21.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	120	<b>1100</b>	117	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
<b>Toluene</b>	EPA 8260B	4E09008	120	<b>130</b>	117	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09008	120	ND	117	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	590	ND	117	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	120	<b>3300</b>	117	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	120	<b>650</b>	117	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09008	290	ND	117	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	120	<b>1900</b>	117	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	120	<b>2000</b>	117	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				<i>109 %</i>				
<i>Surrogate: Toluene-d8 (60-160%)</i>				<i>114 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				<i>113 %</i>				

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-06 (PNL-9-10'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Bromobenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Bromochloromethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Bromodichloromethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Bromoform	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Bromomethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
n-Butylbenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
sec-Butylbenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
tert-Butylbenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Carbon tetrachloride	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Chlorobenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Chloroethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Chloroform	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Chloromethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
2-Chlorotoluene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
4-Chlorotoluene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Dibromochloromethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Dibromomethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Dichlorodifluoromethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,1-Dichloroethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,2-Dichloroethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,1-Dichloroethene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,2-Dichloropropane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,3-Dichloropropane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
2,2-Dichloropropane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,1-Dichloropropene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Ethylbenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Hexachlorobutadiene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
Isopropylbenzene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
p-Isopropyltoluene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Methylene chloride	EPA 8260B	4E12027	25	ND	1.27	5/12/2004	5/12/2004	
<b>Naphthalene</b>	EPA 8260B	4E12027	6.3	<b>14</b>	1.27	5/12/2004	5/12/2004	

**Del Mar Analytical, Irvine**  
Amanda Cordova  
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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-06 (PNL-9-10'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E12027	2.5	<b>2.8</b>	1.27	5/12/2004	5/12/2004	
Styrene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Tetrachloroethene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Toluene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,1,1-Trichloroethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
1,1,2-Trichloroethane	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Trichloroethene	EPA 8260B	4E12027	2.5	ND	1.27	5/12/2004	5/12/2004	
Trichlorofluoromethane	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
1,2,3-Trichloropropane	EPA 8260B	4E12027	13	ND	1.27	5/12/2004	5/12/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E12027	2.5	<b>12</b>	1.27	5/12/2004	5/12/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E12027	2.5	<b>3.3</b>	1.27	5/12/2004	5/12/2004	
Vinyl chloride	EPA 8260B	4E12027	6.3	ND	1.27	5/12/2004	5/12/2004	
<b>o-Xylene</b>	EPA 8260B	4E12027	2.5	<b>3.0</b>	1.27	5/12/2004	5/12/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E12027	2.5	<b>6.7</b>	1.27	5/12/2004	5/12/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>107 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>105 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>96 %</i>				

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Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-08 (PNL-9-15.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	120	150	121	5/9/2004	5/10/2004	
Bromobenzene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Bromochloromethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Bromodichloromethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Bromoform	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Bromomethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
n-Butylbenzene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
sec-Butylbenzene	EPA 8260B	4E09008	300	3200	121	5/9/2004	5/10/2004	
tert-Butylbenzene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Carbon tetrachloride	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Chlorobenzene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Chloroethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Chloroform	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Chloromethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
2-Chlorotoluene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
4-Chlorotoluene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Dibromochloromethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Dibromomethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Ethylbenzene	EPA 8260B	4E09008	120	8900	121	5/9/2004	5/10/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
Isopropylbenzene	EPA 8260B	4E09008	120	5900	121	5/9/2004	5/10/2004	
p-Isopropyltoluene	EPA 8260B	4E09008	120	5300	121	5/9/2004	5/10/2004	
Methylene chloride	EPA 8260B	4E09008	1200	ND	121	5/9/2004	5/10/2004	
Naphthalene	EPA 8260B	4E09008	300	8600	121	5/9/2004	5/10/2004	

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Sampled: 05/05/04  
Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-08 (PNL-9-15.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	120	<b>8100</b>	121	5/9/2004	5/10/2004	
Styrene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Tetrachloroethene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Toluene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Trichloroethene	EPA 8260B	4E09008	120	ND	121	5/9/2004	5/10/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	610	ND	121	5/9/2004	5/10/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	120	<b>18000</b>	121	5/9/2004	5/10/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	120	<b>6000</b>	121	5/9/2004	5/10/2004	
Vinyl chloride	EPA 8260B	4E09008	300	ND	121	5/9/2004	5/10/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	120	<b>850</b>	121	5/9/2004	5/10/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	120	<b>14000</b>	121	5/9/2004	5/10/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				69 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				67 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				69 %				

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Sampled: 05/05/04  
Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-09 (PNL-9-18.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
n-Butylbenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
sec-Butylbenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Ethylbenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
Isopropylbenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
p-Isopropyltoluene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09006	20	ND	1.04	5/9/2004	5/9/2004	
Naphthalene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	

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 Received: 05/05/04

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-09 (PNL-9-18.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Toluene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09006	10	ND	1.04	5/9/2004	5/9/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09006	5.0	ND	1.04	5/9/2004	5/9/2004	
o-Xylene	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
m,p-Xylenes	EPA 8260B	4E09006	2.0	ND	1.04	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				110 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				113 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				109 %				

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager





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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-10 (PNL-8-9.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	150	570	150	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
n-Butylbenzene	EPA 8260B	4E09008	380	1300	150	5/9/2004	5/9/2004	
sec-Butylbenzene	EPA 8260B	4E09008	380	960	150	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Ethylbenzene	EPA 8260B	4E09008	150	2700	150	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
Isopropylbenzene	EPA 8260B	4E09008	150	1300	150	5/9/2004	5/9/2004	
p-Isopropyltoluene	EPA 8260B	4E09008	150	1400	150	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09008	1500	ND	150	5/9/2004	5/9/2004	
Naphthalene	EPA 8260B	4E09008	380	3200	150	5/9/2004	5/9/2004	

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Sampled: 05/05/04  
Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-10 (PNL-8-9.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	150	<b>1900</b>	150	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
<b>Toluene</b>	EPA 8260B	4E09008	150	<b>220</b>	150	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09008	150	ND	150	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	750	ND	150	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	150	<b>6800</b>	150	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	150	<b>620</b>	150	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09008	380	ND	150	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	150	<b>270</b>	150	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	150	<b>1900</b>	150	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				<i>104 %</i>				
<i>Surrogate: Toluene-d8 (60-160%)</i>				<i>107 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				<i>105 %</i>				

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-15 (PNL-8-18.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	100	<b>610</b>	109	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
<b>n-Butylbenzene</b>	EPA 8260B	4E09008	250	<b>1900</b>	109	5/9/2004	5/9/2004	
<b>sec-Butylbenzene</b>	EPA 8260B	4E09008	250	<b>1200</b>	109	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
<b>Ethylbenzene</b>	EPA 8260B	4E09008	100	<b>3300</b>	109	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
<b>Isopropylbenzene</b>	EPA 8260B	4E09008	100	<b>1700</b>	109	5/9/2004	5/9/2004	
<b>p-Isopropyltoluene</b>	EPA 8260B	4E09008	100	<b>2000</b>	109	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09008	1000	ND	109	5/9/2004	5/9/2004	
<b>Naphthalene</b>	EPA 8260B	4E09008	250	<b>3900</b>	109	5/9/2004	5/9/2004	

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 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-15 (PNL-8-18.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	100	<b>2700</b>	109	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
<b>Toluene</b>	EPA 8260B	4E09008	100	<b>4800</b>	109	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09008	100	ND	109	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	500	ND	109	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	100	<b>7700</b>	109	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	100	<b>2500</b>	109	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09008	250	ND	109	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	100	<b>4400</b>	109	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	100	<b>8400</b>	109	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				106 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				113 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				110 %				

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**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-19 (PNL-8-24.5'-EC - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	4E09008	110	1000	115	5/9/2004	5/9/2004	
Bromobenzene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Bromochloromethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Bromodichloromethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Bromoform	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Bromomethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
n-Butylbenzene	EPA 8260B	4E09008	290	1400	115	5/9/2004	5/9/2004	
sec-Butylbenzene	EPA 8260B	4E09008	290	880	115	5/9/2004	5/9/2004	
tert-Butylbenzene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Carbon tetrachloride	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Chlorobenzene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Chloroethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Chloroform	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Chloromethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
2-Chlorotoluene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
4-Chlorotoluene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Dibromochloromethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Dibromomethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Dichlorodifluoromethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,1-Dichloroethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,2-Dichloroethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,1-Dichloroethene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,2-Dichloropropane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,3-Dichloropropane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
2,2-Dichloropropane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,1-Dichloropropene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Ethylbenzene	EPA 8260B	4E09008	110	3100	115	5/9/2004	5/9/2004	
Hexachlorobutadiene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
Isopropylbenzene	EPA 8260B	4E09008	110	1300	115	5/9/2004	5/9/2004	
p-Isopropyltoluene	EPA 8260B	4E09008	110	1700	115	5/9/2004	5/9/2004	
Methylene chloride	EPA 8260B	4E09008	1100	ND	115	5/9/2004	5/9/2004	
Naphthalene	EPA 8260B	4E09008	290	2700	115	5/9/2004	5/9/2004	

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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-19 (PNL-8-24.5'-EC - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: ug/kg</b>								
<b>n-Propylbenzene</b>	EPA 8260B	4E09008	110	<b>2100</b>	115	5/9/2004	5/9/2004	
Styrene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Tetrachloroethene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
<b>Toluene</b>	EPA 8260B	4E09008	110	<b>5000</b>	115	5/9/2004	5/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Trichloroethene	EPA 8260B	4E09008	110	ND	115	5/9/2004	5/9/2004	
Trichlorofluoromethane	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4E09008	570	ND	115	5/9/2004	5/9/2004	
<b>1,2,4-Trimethylbenzene</b>	EPA 8260B	4E09008	110	<b>6600</b>	115	5/9/2004	5/9/2004	
<b>1,3,5-Trimethylbenzene</b>	EPA 8260B	4E09008	110	<b>2100</b>	115	5/9/2004	5/9/2004	
Vinyl chloride	EPA 8260B	4E09008	290	ND	115	5/9/2004	5/9/2004	
<b>o-Xylene</b>	EPA 8260B	4E09008	110	<b>4200</b>	115	5/9/2004	5/9/2004	
<b>m,p-Xylenes</b>	EPA 8260B	4E09008	110	<b>7900</b>	115	5/9/2004	5/9/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				104 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				114 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				109 %				

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Report Number: INE0228

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Received: 05/05/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>RL-1</b>
<b>Reporting Units: ug/kg</b>								
Acenaphthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	13000	ND	20	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	3300	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	

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 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				<b>RL-1</b>
<b>Reporting Units: ug/kg</b>								
Fluorene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Methylnaphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	5000	ND	20	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Surrogate: 2-Fluorophenol (25-120%)				76 %				Z3
Surrogate: Phenol-d6 (30-120%)				78 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				90 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				82 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				83 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				107 %				Z3

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>RL-1</b>
<b>Reporting Units: ug/kg</b>								
Acenaphthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	13000	ND	20	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	3300	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0228-05 (PNL-9 FILL - Soil) - cont.				Sampled: 05/05/04				RL-1
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Methylnaphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	5000	ND	20	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Surrogate: 2-Fluorophenol (25-120%)				60 %				Z3
Surrogate: Phenol-d6 (30-120%)				68 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				73 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				64 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				80 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				112 %				Z3

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>RL-1</b>
<b>Reporting Units: ug/kg</b>								
Acenaphthene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	4200	ND	10	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	6600	ND	10	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	1700	ND	10	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	4200	ND	10	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	4200	ND	10	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	4200	ND	10	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	

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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0228-07 (PNL-9 - Soil) - cont.				Sampled: 05/05/04				RL-1
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Methylnaphthalene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	2500	ND	10	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	8300	ND	10	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	3300	ND	10	5/7/2004	5/12/2004	
Surrogate: 2-Fluorophenol (25-120%)				56 %				
Surrogate: Phenol-d6 (30-120%)				71 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				104 %				
Surrogate: Nitrobenzene-d5 (30-120%)				66 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				78 %				
Surrogate: Terphenyl-d14 (35-155%)				97 %				

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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>RL-2</b>
<b>Reporting Units: ug/kg</b>								
Acenaphthene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	25000	ND	60	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	40000	ND	60	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	10000	ND	60	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	25000	ND	60	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	25000	ND	60	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	25000	ND	60	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	

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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil) - cont.</b>				<b>Sampled: 05/05/04</b>				<b>RL-2</b>
<b>Reporting Units: ug/kg</b>								
Fluorene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
<b>2-Methylnaphthalene</b>	EPA 8270C	4E07038	20000	<b>29000</b>	60	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	15000	ND	60	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	50000	ND	60	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	20000	ND	60	5/7/2004	5/12/2004	
Surrogate: 2-Fluorophenol (25-120%)				60 %				Z3
Surrogate: Phenol-d6 (30-120%)				69 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				90 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				115 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				80 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				124 %				Z3

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Antimony	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Arsenic</b>	EPA 6010B	4E11075	2.0	<b>4.0</b>	1	5/11/2004	5/12/2004	
<b>Barium</b>	EPA 6010B	4E11075	1.0	<b>190</b>	1	5/11/2004	5/12/2004	
Beryllium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
Cadmium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
<b>Chromium</b>	EPA 6010B	4E11075	1.0	<b>12</b>	1	5/11/2004	5/12/2004	
<b>Cobalt</b>	EPA 6010B	4E11075	1.0	<b>3.3</b>	1	5/11/2004	5/12/2004	
<b>Copper</b>	EPA 6010B	4E11075	2.0	<b>18</b>	1	5/11/2004	5/12/2004	
<b>Lead</b>	EPA 6010B	4E11075	2.0	<b>38</b>	1	5/11/2004	5/12/2004	
<b>Mercury</b>	EPA 7471A	4E13067	0.020	<b>0.78</b>	1	5/13/2004	5/13/2004	
Molybdenum	EPA 6010B	4E11075	2.0	ND	1	5/11/2004	5/12/2004	
<b>Nickel</b>	EPA 6010B	4E11075	2.0	<b>9.5</b>	1	5/11/2004	5/12/2004	
Selenium	EPA 6010B	4E11075	2.0	ND	1	5/11/2004	5/12/2004	
Silver	EPA 6010B	4E11075	1.0	ND	1	5/11/2004	5/12/2004	
Thallium	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Vanadium</b>	EPA 6010B	4E11075	1.0	<b>19</b>	1	5/11/2004	5/12/2004	
<b>Zinc</b>	EPA 6010B	4E11075	5.0	<b>49</b>	1	5/11/2004	5/12/2004	
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Antimony	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Arsenic</b>	EPA 6010B	4E11075	2.0	<b>3.9</b>	1	5/11/2004	5/12/2004	
<b>Barium</b>	EPA 6010B	4E11075	1.0	<b>130</b>	1	5/11/2004	5/12/2004	
Beryllium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
Cadmium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
<b>Chromium</b>	EPA 6010B	4E11075	1.0	<b>20</b>	1	5/11/2004	5/12/2004	
<b>Cobalt</b>	EPA 6010B	4E11075	1.0	<b>5.4</b>	1	5/11/2004	5/12/2004	
<b>Copper</b>	EPA 6010B	4E11075	2.0	<b>14</b>	1	5/11/2004	5/12/2004	
<b>Lead</b>	EPA 6010B	4E11075	2.0	<b>47</b>	1	5/11/2004	5/12/2004	
<b>Mercury</b>	EPA 7471A	4E13067	0.020	<b>0.050</b>	1	5/13/2004	5/13/2004	
Molybdenum	EPA 6010B	4E11075	2.0	ND	1	5/11/2004	5/12/2004	
<b>Nickel</b>	EPA 6010B	4E11075	2.0	<b>11</b>	1	5/11/2004	5/12/2004	
Selenium	EPA 6010B	4E11075	2.0	ND	1	5/11/2004	5/12/2004	
Silver	EPA 6010B	4E11075	1.0	ND	1	5/11/2004	5/12/2004	
Thallium	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Vanadium</b>	EPA 6010B	4E11075	1.0	<b>30</b>	1	5/11/2004	5/12/2004	
<b>Zinc</b>	EPA 6010B	4E11075	5.0	<b>55</b>	1	5/11/2004	5/12/2004	

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



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 Attention: Mike Reardon

Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Antimony	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Arsenic</b>	EPA 6010B	4E11075	2.0	<b>3.9</b>	1	5/11/2004	5/12/2004	
<b>Barium</b>	EPA 6010B	4E11075	1.0	<b>110</b>	1	5/11/2004	5/12/2004	
Beryllium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
Cadmium	EPA 6010B	4E11075	0.50	ND	1	5/11/2004	5/12/2004	
<b>Chromium</b>	EPA 6010B	4E11075	1.0	<b>18</b>	1	5/11/2004	5/12/2004	
<b>Cobalt</b>	EPA 6010B	4E11075	1.0	<b>5.6</b>	1	5/11/2004	5/12/2004	
<b>Copper</b>	EPA 6010B	4E11075	2.0	<b>15</b>	1	5/11/2004	5/12/2004	
<b>Lead</b>	EPA 6010B	4E11075	2.0	<b>6.9</b>	1	5/11/2004	5/12/2004	
Mercury	EPA 7471A	4E13067	0.020	ND	1	5/13/2004	5/13/2004	
Molybdenum	EPA 6010B	4E11075	2.0	ND	1	5/11/2004	5/12/2004	
<b>Nickel</b>	EPA 6010B	4E11075	2.0	<b>15</b>	1	5/11/2004	5/12/2004	
<b>Selenium</b>	EPA 6010B	4E11075	2.0	<b>3.5</b>	1	5/11/2004	5/12/2004	
Silver	EPA 6010B	4E11075	1.0	ND	1	5/11/2004	5/12/2004	
Thallium	EPA 6010B	4E11075	10	ND	1	5/11/2004	5/12/2004	
<b>Vanadium</b>	EPA 6010B	4E11075	1.0	<b>29</b>	1	5/11/2004	5/12/2004	
<b>Zinc</b>	EPA 6010B	4E11075	5.0	<b>79</b>	1	5/11/2004	5/12/2004	

### Sample ID: INE0228-11 (PNL-8 - Soil)

Sampled: 05/05/04

Reporting Units: mg/kg

Antimony	EPA 6010B	4E13078	10	ND	1	5/13/2004	5/14/2004	
<b>Arsenic</b>	EPA 6010B	4E13078	2.0	<b>78</b>	1	5/13/2004	5/14/2004	
<b>Barium</b>	EPA 6010B	4E13078	1.0	<b>3100</b>	1	5/13/2004	5/14/2004	
Beryllium	EPA 6010B	4E13078	0.50	ND	1	5/13/2004	5/14/2004	
<b>Cadmium</b>	EPA 6010B	4E13078	0.50	<b>0.73</b>	1	5/13/2004	5/14/2004	
<b>Chromium</b>	EPA 6010B	4E13078	1.0	<b>58</b>	1	5/13/2004	5/14/2004	
<b>Cobalt</b>	EPA 6010B	4E13078	1.0	<b>4.8</b>	1	5/13/2004	5/14/2004	
<b>Copper</b>	EPA 6010B	4E13078	2.0	<b>30</b>	1	5/13/2004	5/14/2004	
<b>Lead</b>	EPA 6010B	4E13078	2.0	<b>110</b>	1	5/13/2004	5/14/2004	
Mercury	EPA 7471A	4E13081	0.020	<b>0.13</b>	1	5/13/2004	5/13/2004	
<b>Molybdenum</b>	EPA 6010B	4E13078	2.0	<b>2.9</b>	1	5/13/2004	5/14/2004	
<b>Nickel</b>	EPA 6010B	4E13078	2.0	<b>30</b>	1	5/13/2004	5/14/2004	
Selenium	EPA 6010B	4E13078	2.0	ND	1	5/13/2004	5/14/2004	
Silver	EPA 6010B	4E13078	1.0	ND	1	5/13/2004	5/14/2004	
Thallium	EPA 6010B	4E13078	10	ND	1	5/13/2004	5/14/2004	
<b>Vanadium</b>	EPA 6010B	4E13078	1.0	<b>33</b>	1	5/13/2004	5/14/2004	
<b>Zinc</b>	EPA 6010B	4E13078	5.0	<b>140</b>	1	5/13/2004	5/14/2004	

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 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Chromium VI	EPA 7199	4E06072	0.20	ND	1	5/6/2004	5/7/2004	
<b>Oil &amp; Grease</b>	EPA 413.2 MOD.	4E13052	100	<b>2600</b>	20	5/13/2004	5/13/2004	
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: N/A</b>								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: pH Units</b>								
<b>pH</b>	EPA 9045C	4E06051	NA	<b>9.39</b>	1	5/6/2004	5/6/2004	
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Chromium VI	EPA 7199	4E06072	0.20	ND	1	5/6/2004	5/7/2004	
<b>Oil &amp; Grease</b>	EPA 413.2 MOD.	4E13052	100	<b>2700</b>	20	5/13/2004	5/13/2004	
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: N/A</b>								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: pH Units</b>								
<b>pH</b>	EPA 9045C	4E06051	NA	<b>9.57</b>	1	5/6/2004	5/6/2004	
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Chromium VI	EPA 7199	4E06072	0.20	ND	1	5/6/2004	5/7/2004	
<b>Oil &amp; Grease</b>	EPA 413.2 MOD.	4E13052	100	<b>1800</b>	20	5/13/2004	5/13/2004	
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: N/A</b>								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: pH Units</b>								
<b>pH</b>	EPA 9045C	4E06051	NA	<b>9.12</b>	1	5/6/2004	5/6/2004	

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 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: mg/kg</b>								
Chromium VI	EPA 7199	4E06072	0.20	ND	1	5/6/2004	5/7/2004	
Oil & Grease	EPA 413.2 MOD.	4E13052	500	<b>28000</b>	100	5/13/2004	5/13/2004	
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: N/A</b>								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/13/2004	
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				
<b>Reporting Units: pH Units</b>								
pH	EPA 9045C	4E06051	NA	<b>9.34</b>	1	5/6/2004	5/6/2004	

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 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
Aldrin	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
alpha-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
beta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
delta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
gamma-BHC (Lindane)	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Chlordane (tech)	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
4,4'-DDD	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
4,4'-DDE	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
4,4'-DDT	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Dieldrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan I	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan II	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan sulfate	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endrin aldehyde	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin ketone	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Heptachlor	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Heptachlor epoxide	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Methoxychlor	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
Toxaphene	EPA 8081A	4E11027	800	ND	10	5/11/2004	5/12/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				126 %				S07
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				631 %				S07

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Project ID: Ascon - Soils  
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Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0228-05 (PNL-9 FILL - Soil)				Sampled: 05/05/04				C-06, R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
alpha-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
beta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
delta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
gamma-BHC (Lindane)	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Chlordane (tech)	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
4,4'-DDD	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
4,4'-DDE	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
4,4'-DDT	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Dieldrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan I	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan II	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan sulfate	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endrin aldehyde	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin ketone	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Heptachlor	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Heptachlor epoxide	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Methoxychlor	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
Toxaphene	EPA 8081A	4E11027	800	ND	10	5/11/2004	5/12/2004	
Surrogate: Tetrachloro-m-xylene (66-116%)				114 %				
Surrogate: Decachlorobiphenyl (42-153%)				238 %				

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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0228-07 (PNL-9 - Soil)				Sampled: 05/05/04				C-06, R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
alpha-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
beta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
delta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
gamma-BHC (Lindane)	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Chlordane (tech)	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
4,4'-DDD	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
4,4'-DDE	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
4,4'-DDT	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Dieldrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan I	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan II	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endosulfan sulfate	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/12/2004	
Endrin aldehyde	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Endrin ketone	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/12/2004	
Heptachlor	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Heptachlor epoxide	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/12/2004	
Methoxychlor	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/12/2004	
Toxaphene	EPA 8081A	4E11027	800	ND	10	5/11/2004	5/12/2004	
Surrogate: Tetrachloro-m-xylene (66-116%)				147 %				S07
Surrogate: Decachlorobiphenyl (42-153%)				613 %				S07

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Project ID: Ascon - Soils  
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 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
Aldrin	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
alpha-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
<b>beta-BHC</b>	EPA 8081A	4E11027	10	<b>15</b>	10	5/11/2004	5/13/2004	
delta-BHC	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
gamma-BHC (Lindane)	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
Chlordane (tech)	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/13/2004	
4,4'-DDD	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/13/2004	
4,4'-DDE	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/13/2004	
4,4'-DDT	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/13/2004	
Dieldrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/13/2004	
Endosulfan I	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/13/2004	
Endosulfan II	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/13/2004	
Endosulfan sulfate	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/13/2004	
Endrin	EPA 8081A	4E11027	20	ND	10	5/11/2004	5/13/2004	
Endrin aldehyde	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/13/2004	
Endrin ketone	EPA 8081A	4E11027	60	ND	10	5/11/2004	5/13/2004	
Heptachlor	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
Heptachlor epoxide	EPA 8081A	4E11027	10	ND	10	5/11/2004	5/13/2004	
Methoxychlor	EPA 8081A	4E11027	200	ND	10	5/11/2004	5/13/2004	
Toxaphene	EPA 8081A	4E11027	800	ND	10	5/11/2004	5/13/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				226 %				S07
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				327 %				S07

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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-02 (PNL-6 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
PCB-1016	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1221	EPA 8082	4E11028	800	ND	10	5/11/2004	5/13/2004	
PCB-1232	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1242	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1248	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1254	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1260	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1268	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				126 %				
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				98.2 %				
<b>Sample ID: INE0228-05 (PNL-9 FILL - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
PCB-1016	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1221	EPA 8082	4E11028	800	ND	10	5/11/2004	5/13/2004	
PCB-1232	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1242	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1248	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1254	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1260	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1268	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				86.8 %				
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				144 %				
<b>Sample ID: INE0228-07 (PNL-9 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
PCB-1016	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1221	EPA 8082	4E11028	800	ND	10	5/11/2004	5/13/2004	
PCB-1232	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1242	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1248	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1254	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1260	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1268	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				113 %				
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				293 %				

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Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

**Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INE0228-11 (PNL-8 - Soil)</b>				<b>Sampled: 05/05/04</b>				<b>C-06, R-05</b>
<b>Reporting Units: ug/kg</b>								
PCB-1016	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1221	EPA 8082	4E11028	800	ND	10	5/11/2004	5/13/2004	
PCB-1232	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1242	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1248	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1254	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1260	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
PCB-1268	EPA 8082	4E11028	200	ND	10	5/11/2004	5/13/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				123 %				
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				237 %				
								S07

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Sampled: 05/05/04  
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**SHORT HOLD TIME DETAIL REPORT**

	<b>Hold Time (in days)</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>	<b>Date/Time Extracted</b>	<b>Date/Time Analyzed</b>
<b>Sample ID: PNL-6 (INE0228-02) - Soil</b> EPA 9045C	1	05/05/2004 08:50	05/05/2004 17:45	05/06/2004 07:00	05/06/2004 09:00
<b>Sample ID: PNL-9 FILL (INE0228-05) - Soil</b> EPA 9045C	1	05/05/2004 10:15	05/05/2004 17:45	05/06/2004 07:00	05/06/2004 09:00
<b>Sample ID: PNL-9 (INE0228-07) - Soil</b> EPA 9045C	1	05/05/2004 10:40	05/05/2004 17:45	05/06/2004 07:00	05/06/2004 09:00
<b>Sample ID: PNL-8 (INE0228-11) - Soil</b> EPA 9045C	1	05/05/2004 14:35	05/05/2004 17:45	05/06/2004 18:00	05/06/2004 19:00

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Sampled: 05/05/04  
 Received: 05/05/04

## METHOD BLANK/QC DATA

### TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07080 Extracted: 05/07/04</b>										
<b>Blank Analyzed: 05/07/04 (4E07080-BLK1)</b>										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
<b>LCS Analyzed: 05/07/04 (4E07080-BS1)</b>										
Total Recoverable Hydrocarbons	14.1	5.0	mg/kg	20.0		70	55-130			
<b>Matrix Spike Analyzed: 05/07/04 (4E07080-MS1)</b>										
					<b>Source: INE0322-01</b>					
Total Recoverable Hydrocarbons	17.3	5.0	mg/kg	20.0	1.6	78	35-130			
<b>Matrix Spike Dup Analyzed: 05/07/04 (4E07080-MSD1)</b>										
					<b>Source: INE0322-01</b>					
Total Recoverable Hydrocarbons	16.3	5.0	mg/kg	20.0	1.6	73	35-130	6	25	

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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07033 Extracted: 05/07/04</b>										
<b>Blank Analyzed: 05/07/04 (4E07033-BLK1)</b>										
GRO (C6 - C12)	ND	5.0	mg/kg							
DRO/ORO (C13 - C40)	ND	5.0	mg/kg							
EFH (C6 - C40)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	5.66		mg/kg	6.67		85	50-125			
<b>LCS Analyzed: 05/07/04 (4E07033-BS1)</b>										
EFH (C6 - C40)	30.5	5.0	mg/kg	33.3		92	45-115			M-NR
Surrogate: n-Octacosane	5.61		mg/kg	6.67		84	50-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Blank Analyzed: 05/09/04 (4E09018-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Blank Analyzed: 05/09/04 (4E09018-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	51.1		ug/kg	50.0		102	80-125			
Surrogate: Toluene-d8	53.2		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	50.1		ug/kg	50.0		100	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09018-BS1)</b>										
Benzene	48.2	2.0	ug/kg	50.0		96	70-120			
Bromobenzene	49.5	5.0	ug/kg	50.0		99	80-120			
Bromochloromethane	51.1	5.0	ug/kg	50.0		102	65-135			
Bromodichloromethane	51.2	2.0	ug/kg	50.0		102	70-140			
Bromoform	52.5	5.0	ug/kg	50.0		105	60-140			
Bromomethane	51.5	5.0	ug/kg	50.0		103	60-140			
n-Butylbenzene	49.1	5.0	ug/kg	50.0		98	75-130			
sec-Butylbenzene	48.5	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	52.0	5.0	ug/kg	50.0		104	80-125			
Carbon tetrachloride	51.2	5.0	ug/kg	50.0		102	70-140			
Chlorobenzene	49.6	2.0	ug/kg	50.0		99	80-125			
Chloroethane	50.2	5.0	ug/kg	50.0		100	55-145			
Chloroform	47.7	2.0	ug/kg	50.0		95	75-120			
Chloromethane	45.8	5.0	ug/kg	50.0		92	35-145			
2-Chlorotoluene	48.6	5.0	ug/kg	50.0		97	75-125			
4-Chlorotoluene	49.4	5.0	ug/kg	50.0		99	80-125			
Dibromochloromethane	50.6	2.0	ug/kg	50.0		101	65-145			
1,2-Dibromo-3-chloropropane	61.9	5.0	ug/kg	50.0		124	50-150			
1,2-Dibromoethane (EDB)	53.4	2.0	ug/kg	50.0		107	70-130			
Dibromomethane	51.6	2.0	ug/kg	50.0		103	70-130			
1,2-Dichlorobenzene	50.6	2.0	ug/kg	50.0		101	80-125			
1,3-Dichlorobenzene	48.3	2.0	ug/kg	50.0		97	80-120			
1,4-Dichlorobenzene	49.0	2.0	ug/kg	50.0		98	80-120			
Dichlorodifluoromethane	47.8	5.0	ug/kg	50.0		96	10-160			
1,1-Dichloroethane	48.8	2.0	ug/kg	50.0		98	70-135			
1,2-Dichloroethane	50.3	2.0	ug/kg	50.0		101	60-150			
1,1-Dichloroethene	48.5	5.0	ug/kg	50.0		97	75-130			
cis-1,2-Dichloroethene	48.0	2.0	ug/kg	50.0		96	70-125			
trans-1,2-Dichloroethene	49.3	2.0	ug/kg	50.0		99	70-130			
1,2-Dichloropropane	48.9	2.0	ug/kg	50.0		98	70-120			
1,3-Dichloropropane	48.8	2.0	ug/kg	50.0		98	70-130			
2,2-Dichloropropane	53.8	2.0	ug/kg	50.0		108	70-150			
1,1-Dichloropropene	49.3	2.0	ug/kg	50.0		99	75-130			
cis-1,3-Dichloropropene	51.7	2.0	ug/kg	50.0		103	75-130			
trans-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0		107	70-135			

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 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09018-BS1)</b>										
Ethylbenzene	49.4	2.0	ug/kg	50.0		99	75-125			
Hexachlorobutadiene	48.2	5.0	ug/kg	50.0		96	75-140			
Isopropylbenzene	51.4	2.0	ug/kg	50.0		103	75-125			
p-Isopropyltoluene	48.3	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	43.9	20	ug/kg	50.0		88	60-135			
Naphthalene	55.9	5.0	ug/kg	50.0		112	50-145			
n-Propylbenzene	49.2	2.0	ug/kg	50.0		98	75-130			
Styrene	54.4	2.0	ug/kg	50.0		109	80-135			
1,1,1,2-Tetrachloroethane	51.0	5.0	ug/kg	50.0		102	70-145			
1,1,2,2-Tetrachloroethane	61.5	2.0	ug/kg	50.0		123	55-145			
Tetrachloroethene	49.8	2.0	ug/kg	50.0		100	80-125			
Toluene	46.5	2.0	ug/kg	50.0		93	75-120			
1,2,3-Trichlorobenzene	50.3	5.0	ug/kg	50.0		101	65-135			
1,2,4-Trichlorobenzene	51.9	5.0	ug/kg	50.0		104	70-140			
1,1,1-Trichloroethane	50.4	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	48.6	2.0	ug/kg	50.0		97	65-130			
Trichloroethene	47.2	2.0	ug/kg	50.0		94	75-125			
Trichlorofluoromethane	50.3	5.0	ug/kg	50.0		101	50-145			
1,2,3-Trichloropropane	53.7	10	ug/kg	50.0		107	55-140			
1,2,4-Trimethylbenzene	49.8	2.0	ug/kg	50.0		100	75-125			
1,3,5-Trimethylbenzene	51.1	2.0	ug/kg	50.0		102	80-125			
Vinyl chloride	43.1	5.0	ug/kg	50.0		86	45-130			
o-Xylene	49.2	2.0	ug/kg	50.0		98	75-125			
m,p-Xylenes	97.0	2.0	ug/kg	100		97	75-125			
Surrogate: Dibromofluoromethane	51.9		ug/kg	50.0		104	80-125			
Surrogate: Toluene-d8	53.5		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	50.4		ug/kg	50.0		101	80-120			

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Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>LCS Dup Analyzed: 05/09/04 (4E09018-BSD1)</b>										
Benzene	54.2	2.0	ug/kg	50.0		108	70-120	12	20	
Bromobenzene	54.5	5.0	ug/kg	50.0		109	80-120	10	20	
Bromochloromethane	54.2	5.0	ug/kg	50.0		108	65-135	6	20	
Bromodichloromethane	55.4	2.0	ug/kg	50.0		111	70-140	8	20	
Bromoform	50.1	5.0	ug/kg	50.0		100	60-140	5	20	
Bromomethane	57.2	5.0	ug/kg	50.0		114	60-140	10	20	
n-Butylbenzene	57.2	5.0	ug/kg	50.0		114	75-130	15	20	
sec-Butylbenzene	55.3	5.0	ug/kg	50.0		111	75-125	13	20	
tert-Butylbenzene	57.9	5.0	ug/kg	50.0		116	80-125	11	20	
Carbon tetrachloride	57.0	5.0	ug/kg	50.0		114	70-140	11	20	
Chlorobenzene	55.1	2.0	ug/kg	50.0		110	80-125	11	20	
Chloroethane	56.4	5.0	ug/kg	50.0		113	55-145	12	25	
Chloroform	52.9	2.0	ug/kg	50.0		106	75-120	10	20	
Chloromethane	50.3	5.0	ug/kg	50.0		101	35-145	9	25	
2-Chlorotoluene	55.2	5.0	ug/kg	50.0		110	75-125	13	20	
4-Chlorotoluene	55.9	5.0	ug/kg	50.0		112	80-125	12	20	
Dibromochloromethane	51.8	2.0	ug/kg	50.0		104	65-145	2	20	
1,2-Dibromo-3-chloropropane	56.9	5.0	ug/kg	50.0		114	50-150	8	25	
1,2-Dibromoethane (EDB)	53.9	2.0	ug/kg	50.0		108	70-130	1	20	
Dibromomethane	52.7	2.0	ug/kg	50.0		105	70-130	2	20	
1,2-Dichlorobenzene	55.9	2.0	ug/kg	50.0		112	80-125	10	20	
1,3-Dichlorobenzene	54.4	2.0	ug/kg	50.0		109	80-120	12	20	
1,4-Dichlorobenzene	55.2	2.0	ug/kg	50.0		110	80-120	12	20	
Dichlorodifluoromethane	51.7	5.0	ug/kg	50.0		103	10-160	8	30	
1,1-Dichloroethane	54.1	2.0	ug/kg	50.0		108	70-135	10	20	
1,2-Dichloroethane	52.9	2.0	ug/kg	50.0		106	60-150	5	20	
1,1-Dichloroethene	53.6	5.0	ug/kg	50.0		107	75-130	10	20	
cis-1,2-Dichloroethene	53.2	2.0	ug/kg	50.0		106	70-125	10	20	
trans-1,2-Dichloroethene	54.9	2.0	ug/kg	50.0		110	70-130	11	20	
1,2-Dichloropropane	53.4	2.0	ug/kg	50.0		107	70-120	9	20	
1,3-Dichloropropane	50.3	2.0	ug/kg	50.0		101	70-130	3	20	
2,2-Dichloropropane	66.6	2.0	ug/kg	50.0		133	70-150	21	20	R-7
1,1-Dichloropropene	55.9	2.0	ug/kg	50.0		112	75-130	13	20	
cis-1,3-Dichloropropene	56.1	2.0	ug/kg	50.0		112	75-130	8	20	
trans-1,3-Dichloropropene	56.2	2.0	ug/kg	50.0		112	70-135	5	20	

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager





Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>LCS Dup Analyzed: 05/09/04 (4E09018-BSD1)</b>										
Ethylbenzene	55.1	2.0	ug/kg	50.0		110	75-125	11	20	
Hexachlorobutadiene	54.7	5.0	ug/kg	50.0		109	75-140	13	20	
Isopropylbenzene	58.5	2.0	ug/kg	50.0		117	75-125	13	20	
p-Isopropyltoluene	54.6	2.0	ug/kg	50.0		109	75-125	12	20	
Methylene chloride	48.9	20	ug/kg	50.0		98	60-135	11	20	
Naphthalene	54.9	5.0	ug/kg	50.0		110	50-145	2	25	
n-Propylbenzene	56.5	2.0	ug/kg	50.0		113	75-130	14	20	
Styrene	59.4	2.0	ug/kg	50.0		119	80-135	9	20	
1,1,1,2-Tetrachloroethane	55.3	5.0	ug/kg	50.0		111	70-145	8	20	
1,1,2,2-Tetrachloroethane	59.5	2.0	ug/kg	50.0		119	55-145	3	30	
Tetrachloroethene	55.9	2.0	ug/kg	50.0		112	80-125	12	20	
Toluene	52.7	2.0	ug/kg	50.0		105	75-120	12	20	
1,2,3-Trichlorobenzene	54.4	5.0	ug/kg	50.0		109	65-135	8	20	
1,2,4-Trichlorobenzene	58.2	5.0	ug/kg	50.0		116	70-140	11	20	
1,1,1-Trichloroethane	57.2	2.0	ug/kg	50.0		114	75-140	13	20	
1,1,2-Trichloroethane	50.1	2.0	ug/kg	50.0		100	65-130	3	20	
Trichloroethene	52.9	2.0	ug/kg	50.0		106	75-125	11	20	
Trichlorofluoromethane	55.7	5.0	ug/kg	50.0		111	50-145	10	25	
1,2,3-Trichloropropane	51.7	10	ug/kg	50.0		103	55-140	4	25	
1,2,4-Trimethylbenzene	56.9	2.0	ug/kg	50.0		114	75-125	13	20	
1,3,5-Trimethylbenzene	58.0	2.0	ug/kg	50.0		116	80-125	13	20	
Vinyl chloride	50.0	5.0	ug/kg	50.0		100	45-130	15	25	
o-Xylene	54.2	2.0	ug/kg	50.0		108	75-125	10	20	
m,p-Xylenes	108	2.0	ug/kg	100		108	75-125	11	20	
Surrogate: Dibromofluoromethane	50.5		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	53.6		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	49.3		ug/kg	50.0		99	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09018-MS1)</b>					<b>Source: INE0228-02</b>					
Benzene	253	10	ug/kg	250	12	96	65-130			
Bromobenzene	265	25	ug/kg	250	ND	106	70-130			
Bromochloromethane	265	25	ug/kg	250	ND	106	60-145			
Bromodichloromethane	263	10	ug/kg	250	ND	105	70-145			
Bromoform	250	25	ug/kg	250	ND	100	60-145			
Bromomethane	231	25	ug/kg	250	ND	92	50-150			
n-Butylbenzene	286	25	ug/kg	250	41	98	60-140			
sec-Butylbenzene	279	25	ug/kg	250	28	100	65-135			
tert-Butylbenzene	272	25	ug/kg	250	ND	109	70-130			
Carbon tetrachloride	248	25	ug/kg	250	ND	99	70-140			
Chlorobenzene	261	10	ug/kg	250	ND	104	80-130			
Chloroethane	229	25	ug/kg	250	ND	92	50-150			
Chloroform	248	10	ug/kg	250	ND	99	70-130			
Chloromethane	192	25	ug/kg	250	ND	77	30-150			
2-Chlorotoluene	270	25	ug/kg	250	ND	108	70-130			
4-Chlorotoluene	264	25	ug/kg	250	ND	106	65-135			
Dibromochloromethane	248	10	ug/kg	250	ND	99	65-145			
1,2-Dibromo-3-chloropropane	326	25	ug/kg	250	ND	130	50-150			
1,2-Dibromoethane (EDB)	268	10	ug/kg	250	ND	107	65-135			
Dibromomethane	260	10	ug/kg	250	ND	104	65-135			
1,2-Dichlorobenzene	256	10	ug/kg	250	ND	102	75-130			
1,3-Dichlorobenzene	248	10	ug/kg	250	ND	99	70-125			
1,4-Dichlorobenzene	255	10	ug/kg	250	ND	102	75-130			
Dichlorodifluoromethane	205	25	ug/kg	250	ND	82	10-200			
1,1-Dichloroethane	250	10	ug/kg	250	ND	100	70-135			
1,2-Dichloroethane	254	10	ug/kg	250	ND	102	60-150			
1,1-Dichloroethene	241	25	ug/kg	250	ND	96	75-140			
cis-1,2-Dichloroethene	248	10	ug/kg	250	ND	99	60-135			
trans-1,2-Dichloroethene	247	10	ug/kg	250	ND	99	65-135			
1,2-Dichloropropane	249	10	ug/kg	250	ND	100	65-125			
1,3-Dichloropropane	245	10	ug/kg	250	ND	98	65-135			
2,2-Dichloropropane	260	10	ug/kg	250	ND	104	60-150			
1,1-Dichloropropene	249	10	ug/kg	250	ND	100	60-140			
cis-1,3-Dichloropropene	256	10	ug/kg	250	ND	102	65-135			
trans-1,3-Dichloropropene	263	10	ug/kg	250	ND	105	65-140			

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Sampled: 05/05/04  
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**METHOD BLANK/QC DATA**

**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09018-MS1)</b>					<b>Source: INE0228-02</b>					
Ethylbenzene	309	10	ug/kg	250	61	99	70-130			
Hexachlorobutadiene	170	25	ug/kg	250	ND	68	65-145			
Isopropylbenzene	321	10	ug/kg	250	41	112	60-135			
p-Isopropyltoluene	281	10	ug/kg	250	28	101	60-135			
Methylene chloride	222	100	ug/kg	250	ND	89	60-145			
Naphthalene	402	25	ug/kg	250	140	105	40-160			
n-Propylbenzene	320	10	ug/kg	250	54	106	60-140			
Styrene	275	10	ug/kg	250	ND	110	70-145			
1,1,1,2-Tetrachloroethane	266	25	ug/kg	250	ND	106	65-145			
1,1,2,2-Tetrachloroethane	284	10	ug/kg	250	ND	114	55-150			
Tetrachloroethene	255	10	ug/kg	250	ND	102	70-130			
Toluene	248	10	ug/kg	250	6.1	97	70-125			
1,2,3-Trichlorobenzene	219	25	ug/kg	250	ND	88	60-135			
1,2,4-Trichlorobenzene	225	25	ug/kg	250	ND	90	65-140			
1,1,1-Trichloroethane	256	10	ug/kg	250	ND	102	65-140			
1,1,2-Trichloroethane	258	10	ug/kg	250	ND	103	60-140			
Trichloroethene	258	10	ug/kg	250	ND	103	70-140			
Trichlorofluoromethane	241	25	ug/kg	250	ND	96	40-160			
1,2,3-Trichloropropane	269	50	ug/kg	250	ND	108	55-140			
1,2,4-Trimethylbenzene	377	10	ug/kg	250	110	107	65-130			
1,3,5-Trimethylbenzene	310	10	ug/kg	250	31	112	70-130			
Vinyl chloride	199	25	ug/kg	250	ND	80	45-130			
o-Xylene	310	10	ug/kg	250	57	101	70-125			
m,p-Xylenes	570	10	ug/kg	500	82	98	70-125			
Surrogate: Dibromofluoromethane	270		ug/kg	250		108	80-125			
Surrogate: Toluene-d8	270		ug/kg	250		108	80-120			
Surrogate: 4-Bromofluorobenzene	267		ug/kg	250		107	80-120			

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Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09018-MSD1)</b>					<b>Source: INE0228-02</b>					
Benzene	249	10	ug/kg	250	12	95	65-130	2	20	
Bromobenzene	257	25	ug/kg	250	ND	103	70-130	3	20	
Bromochloromethane	259	25	ug/kg	250	ND	104	60-145	2	25	
Bromodichloromethane	263	10	ug/kg	250	ND	105	70-145	0	20	
Bromoform	262	25	ug/kg	250	ND	105	60-145	5	25	
Bromomethane	241	25	ug/kg	250	ND	96	50-150	4	25	
n-Butylbenzene	270	25	ug/kg	250	41	92	60-140	6	25	
sec-Butylbenzene	271	25	ug/kg	250	28	97	65-135	3	20	
tert-Butylbenzene	258	25	ug/kg	250	ND	103	70-130	5	20	
Carbon tetrachloride	253	25	ug/kg	250	ND	101	70-140	2	20	
Chlorobenzene	251	10	ug/kg	250	ND	100	80-130	4	20	
Chloroethane	233	25	ug/kg	250	ND	93	50-150	2	30	
Chloroform	237	10	ug/kg	250	ND	95	70-130	5	20	
Chloromethane	184	25	ug/kg	250	ND	74	30-150	4	30	
2-Chlorotoluene	256	25	ug/kg	250	ND	102	70-130	5	20	
4-Chlorotoluene	254	25	ug/kg	250	ND	102	65-135	4	20	
Dibromochloromethane	251	10	ug/kg	250	ND	100	65-145	1	25	
1,2-Dibromo-3-chloropropane	377	25	ug/kg	250	ND	151	50-150	15	30	MI
1,2-Dibromoethane (EDB)	268	10	ug/kg	250	ND	107	65-135	0	20	
Dibromomethane	260	10	ug/kg	250	ND	104	65-135	0	20	
1,2-Dichlorobenzene	248	10	ug/kg	250	ND	99	75-130	3	20	
1,3-Dichlorobenzene	239	10	ug/kg	250	ND	96	70-125	4	20	
1,4-Dichlorobenzene	244	10	ug/kg	250	ND	98	75-130	4	20	
Dichlorodifluoromethane	194	25	ug/kg	250	ND	78	10-200	6	35	
1,1-Dichloroethane	243	10	ug/kg	250	ND	97	70-135	3	20	
1,2-Dichloroethane	254	10	ug/kg	250	ND	102	60-150	0	25	
1,1-Dichloroethene	238	25	ug/kg	250	ND	95	75-140	1	20	
cis-1,2-Dichloroethene	239	10	ug/kg	250	ND	96	60-135	4	20	
trans-1,2-Dichloroethene	242	10	ug/kg	250	ND	97	65-135	2	20	
1,2-Dichloropropane	247	10	ug/kg	250	ND	99	65-125	1	20	
1,3-Dichloropropane	243	10	ug/kg	250	ND	97	65-135	1	20	
2,2-Dichloropropane	244	10	ug/kg	250	ND	98	60-150	6	20	
1,1-Dichloropropene	246	10	ug/kg	250	ND	98	60-140	1	20	
cis-1,3-Dichloropropene	253	10	ug/kg	250	ND	101	65-135	1	20	
trans-1,3-Dichloropropene	267	10	ug/kg	250	ND	107	65-140	2	20	

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



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Sampled: 05/05/04  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09018 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09018-MSD1)</b>					<b>Source: INE0228-02</b>					
Ethylbenzene	304	10	ug/kg	250	61	97	70-130	2	20	
Hexachlorobutadiene	145	25	ug/kg	250	ND	58	65-145	16	20	M2
Isopropylbenzene	330	10	ug/kg	250	41	116	60-135	3	25	
p-Isopropyltoluene	268	10	ug/kg	250	28	96	60-135	5	20	
Methylene chloride	220	100	ug/kg	250	ND	88	60-145	1	25	
Naphthalene	438	25	ug/kg	250	140	119	40-160	9	25	
n-Propylbenzene	328	10	ug/kg	250	54	110	60-140	2	25	
Styrene	269	10	ug/kg	250	ND	108	70-145	2	20	
1,1,1,2-Tetrachloroethane	276	25	ug/kg	250	ND	110	65-145	4	20	
1,1,2,2-Tetrachloroethane	291	10	ug/kg	250	ND	116	55-150	2	25	
Tetrachloroethene	245	10	ug/kg	250	ND	98	70-130	4	20	
Toluene	241	10	ug/kg	250	6.1	94	70-125	3	20	
1,2,3-Trichlorobenzene	195	25	ug/kg	250	ND	78	60-135	12	20	
1,2,4-Trichlorobenzene	204	25	ug/kg	250	ND	82	65-140	10	25	
1,1,1-Trichloroethane	246	10	ug/kg	250	ND	98	65-140	4	20	
1,1,2-Trichloroethane	265	10	ug/kg	250	ND	106	60-140	3	20	
Trichloroethene	255	10	ug/kg	250	ND	102	70-140	1	20	
Trichlorofluoromethane	235	25	ug/kg	250	ND	94	40-160	3	30	
1,2,3-Trichloropropane	282	50	ug/kg	250	ND	113	55-140	5	25	
1,2,4-Trimethylbenzene	388	10	ug/kg	250	110	111	65-130	3	20	
1,3,5-Trimethylbenzene	305	10	ug/kg	250	31	110	70-130	2	20	
Vinyl chloride	191	25	ug/kg	250	ND	76	45-130	4	30	
o-Xylene	308	10	ug/kg	250	57	100	70-125	1	20	
m,p-Xylenes	560	10	ug/kg	500	82	96	70-125	2	20	
Surrogate: Dibromofluoromethane	258		ug/kg	250		103	80-125			
Surrogate: Toluene-d8	271		ug/kg	250		108	80-120			
Surrogate: 4-Bromofluorobenzene	254		ug/kg	250		102	80-120			

Del Mar Analytical, Irvine  
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Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Blank Analyzed: 05/10/04 (4E10011-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Blank Analyzed: 05/10/04 (4E10011-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	52.8		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	54.4		ug/kg	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	51.8		ug/kg	50.0		104	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>LCS Analyzed: 05/10/04 (4E10011-BS1)</b>										
Benzene	55.8	2.0	ug/kg	50.0		112	70-120			
Bromobenzene	54.4	5.0	ug/kg	50.0		109	80-120			
Bromochloromethane	56.8	5.0	ug/kg	50.0		114	65-135			
Bromodichloromethane	59.2	2.0	ug/kg	50.0		118	70-140			
Bromoform	50.4	5.0	ug/kg	50.0		101	60-140			
Bromomethane	59.6	5.0	ug/kg	50.0		119	60-140			
n-Butylbenzene	56.5	5.0	ug/kg	50.0		113	75-130			
sec-Butylbenzene	54.7	5.0	ug/kg	50.0		109	75-125			
tert-Butylbenzene	54.0	5.0	ug/kg	50.0		108	80-125			
Carbon tetrachloride	58.5	5.0	ug/kg	50.0		117	70-140			
Chlorobenzene	54.9	2.0	ug/kg	50.0		110	80-125			
Chloroethane	57.8	5.0	ug/kg	50.0		116	55-145			
Chloroform	55.8	2.0	ug/kg	50.0		112	75-120			
Chloromethane	51.9	5.0	ug/kg	50.0		104	35-145			
2-Chlorotoluene	54.1	5.0	ug/kg	50.0		108	75-125			
4-Chlorotoluene	55.0	5.0	ug/kg	50.0		110	80-125			
Dibromochloromethane	55.7	2.0	ug/kg	50.0		111	65-145			
1,2-Dibromo-3-chloropropane	40.9	5.0	ug/kg	50.0		82	50-150			
1,2-Dibromoethane (EDB)	55.0	2.0	ug/kg	50.0		110	70-130			
Dibromomethane	55.5	2.0	ug/kg	50.0		111	70-130			
1,2-Dichlorobenzene	54.9	2.0	ug/kg	50.0		110	80-125			
1,3-Dichlorobenzene	53.8	2.0	ug/kg	50.0		108	80-120			
1,4-Dichlorobenzene	54.1	2.0	ug/kg	50.0		108	80-120			
Dichlorodifluoromethane	54.4	5.0	ug/kg	50.0		109	10-160			
1,1-Dichloroethane	56.5	2.0	ug/kg	50.0		113	70-135			
1,2-Dichloroethane	55.5	2.0	ug/kg	50.0		111	60-150			
1,1-Dichloroethene	56.6	5.0	ug/kg	50.0		113	75-130			
cis-1,2-Dichloroethene	53.7	2.0	ug/kg	50.0		107	70-125			
trans-1,2-Dichloroethene	56.3	2.0	ug/kg	50.0		113	70-130			
1,2-Dichloropropane	55.3	2.0	ug/kg	50.0		111	70-120			
1,3-Dichloropropane	55.3	2.0	ug/kg	50.0		111	70-130			
2,2-Dichloropropane	57.3	2.0	ug/kg	50.0		115	70-150			
1,1-Dichloropropene	55.5	2.0	ug/kg	50.0		111	75-130			
cis-1,3-Dichloropropene	56.2	2.0	ug/kg	50.0		112	75-130			
trans-1,3-Dichloropropene	57.2	2.0	ug/kg	50.0		114	70-135			

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager





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2100 Main Street, Suite 150  
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Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>LCS Analyzed: 05/10/04 (4E10011-BS1)</b>										
Ethylbenzene	56.5	2.0	ug/kg	50.0		113	75-125			
Hexachlorobutadiene	53.1	5.0	ug/kg	50.0		106	75-140			
Isopropylbenzene	55.8	2.0	ug/kg	50.0		112	75-125			
p-Isopropyltoluene	53.9	2.0	ug/kg	50.0		108	75-125			
Methylene chloride	59.0	20	ug/kg	50.0		118	60-135			
Naphthalene	51.9	5.0	ug/kg	50.0		104	50-145			
n-Propylbenzene	56.8	2.0	ug/kg	50.0		114	75-130			
Styrene	59.0	2.0	ug/kg	50.0		118	80-135			
1,1,1,2-Tetrachloroethane	57.2	5.0	ug/kg	50.0		114	70-145			
1,1,1,2,2-Tetrachloroethane	52.0	2.0	ug/kg	50.0		104	55-145			
Tetrachloroethene	55.1	2.0	ug/kg	50.0		110	80-125			
Toluene	55.6	2.0	ug/kg	50.0		111	75-120			
1,2,3-Trichlorobenzene	54.2	5.0	ug/kg	50.0		108	65-135			
1,2,4-Trichlorobenzene	55.8	5.0	ug/kg	50.0		112	70-140			
1,1,1-Trichloroethane	57.9	2.0	ug/kg	50.0		116	75-140			
1,1,2-Trichloroethane	54.5	2.0	ug/kg	50.0		109	65-130			
Trichloroethene	55.7	2.0	ug/kg	50.0		111	75-125			
Trichlorofluoromethane	57.3	5.0	ug/kg	50.0		115	50-145			
1,2,3-Trichloropropane	49.7	10	ug/kg	50.0		99	55-140			
1,2,4-Trimethylbenzene	54.7	2.0	ug/kg	50.0		109	75-125			
1,3,5-Trimethylbenzene	56.1	2.0	ug/kg	50.0		112	80-125			
Vinyl chloride	52.5	5.0	ug/kg	50.0		105	45-130			
o-Xylene	54.6	2.0	ug/kg	50.0		109	75-125			
m,p-Xylenes	111	2.0	ug/kg	100		111	75-125			
Surrogate: Dibromofluoromethane	55.6		ug/kg	50.0		111	80-125			
Surrogate: Toluene-d8	53.8		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.6		ug/kg	50.0		107	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Matrix Spike Analyzed: 05/10/04 (4E10011-MS1)</b>					<b>Source: INE0440-01</b>					
Benzene	45.7	2.0	ug/kg	50.0	0.52	90	65-130			
Bromobenzene	46.0	5.0	ug/kg	50.0	ND	92	70-130			
Bromochloromethane	46.0	5.0	ug/kg	50.0	ND	92	60-145			
Bromodichloromethane	48.0	2.0	ug/kg	50.0	ND	96	70-145			
Bromoform	43.2	5.0	ug/kg	50.0	ND	86	60-145			
Bromomethane	45.4	5.0	ug/kg	50.0	ND	91	50-150			
n-Butylbenzene	45.2	5.0	ug/kg	50.0	ND	90	60-140			
sec-Butylbenzene	44.6	5.0	ug/kg	50.0	ND	89	65-135			
tert-Butylbenzene	44.0	5.0	ug/kg	50.0	ND	88	70-130			
Carbon tetrachloride	45.3	5.0	ug/kg	50.0	ND	91	70-140			
Chlorobenzene	45.4	2.0	ug/kg	50.0	ND	91	80-130			
Chloroethane	43.6	5.0	ug/kg	50.0	ND	87	50-150			
Chloroform	44.3	2.0	ug/kg	50.0	ND	89	70-130			
Chloromethane	39.4	5.0	ug/kg	50.0	ND	79	30-150			
2-Chlorotoluene	44.7	5.0	ug/kg	50.0	ND	89	70-130			
4-Chlorotoluene	45.7	5.0	ug/kg	50.0	ND	91	65-135			
Dibromochloromethane	47.8	2.0	ug/kg	50.0	ND	96	65-145			
1,2-Dibromo-3-chloropropane	36.4	5.0	ug/kg	50.0	ND	73	50-150			
1,2-Dibromoethane (EDB)	48.5	2.0	ug/kg	50.0	ND	97	65-135			
Dibromomethane	46.9	2.0	ug/kg	50.0	ND	94	65-135			
1,2-Dichlorobenzene	45.9	2.0	ug/kg	50.0	ND	92	75-130			
1,3-Dichlorobenzene	44.3	2.0	ug/kg	50.0	ND	89	70-125			
1,4-Dichlorobenzene	44.9	2.0	ug/kg	50.0	ND	90	75-130			
Dichlorodifluoromethane	38.7	5.0	ug/kg	50.0	ND	77	10-200			
1,1-Dichloroethane	44.9	2.0	ug/kg	50.0	ND	90	70-135			
1,2-Dichloroethane	46.6	2.0	ug/kg	50.0	ND	93	60-150			
1,1-Dichloroethene	45.1	5.0	ug/kg	50.0	ND	90	75-140			
cis-1,2-Dichloroethene	42.8	2.0	ug/kg	50.0	ND	86	60-135			
trans-1,2-Dichloroethene	44.5	2.0	ug/kg	50.0	ND	89	65-135			
1,2-Dichloropropane	44.9	2.0	ug/kg	50.0	ND	90	65-125			
1,3-Dichloropropane	47.8	2.0	ug/kg	50.0	ND	96	65-135			
2,2-Dichloropropane	44.8	2.0	ug/kg	50.0	ND	90	60-150			
1,1-Dichloropropene	43.3	2.0	ug/kg	50.0	ND	87	60-140			
cis-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0	ND	91	65-135			
trans-1,3-Dichloropropene	47.7	2.0	ug/kg	50.0	ND	95	65-140			

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Matrix Spike Analyzed: 05/10/04 (4E10011-MS1)</b>					<b>Source: INE0440-01</b>					
Ethylbenzene	50.6	2.0	ug/kg	50.0	1.3	99	70-130			
Hexachlorobutadiene	41.6	5.0	ug/kg	50.0	ND	83	65-145			
Isopropylbenzene	46.1	2.0	ug/kg	50.0	ND	92	60-135			
p-Isopropyltoluene	43.3	2.0	ug/kg	50.0	ND	87	60-135			
Methylene chloride	47.9	20	ug/kg	50.0	ND	96	60-145			
Naphthalene	45.6	5.0	ug/kg	50.0	ND	91	40-160			
n-Propylbenzene	47.2	2.0	ug/kg	50.0	ND	94	60-140			
Styrene	48.7	2.0	ug/kg	50.0	ND	97	70-145			
1,1,1,2-Tetrachloroethane	47.5	5.0	ug/kg	50.0	ND	95	65-145			
1,1,2,2-Tetrachloroethane	46.1	2.0	ug/kg	50.0	ND	92	55-150			
Tetrachloroethene	43.8	2.0	ug/kg	50.0	ND	88	70-130			
Toluene	44.6	2.0	ug/kg	50.0	ND	89	70-125			
1,2,3-Trichlorobenzene	45.8	5.0	ug/kg	50.0	ND	92	60-135			
1,2,4-Trichlorobenzene	46.0	5.0	ug/kg	50.0	ND	92	65-140			
1,1,1-Trichloroethane	45.5	2.0	ug/kg	50.0	ND	91	65-140			
1,1,2-Trichloroethane	46.8	2.0	ug/kg	50.0	ND	94	60-140			
Trichloroethene	44.0	2.0	ug/kg	50.0	ND	88	70-140			
Trichlorofluoromethane	43.3	5.0	ug/kg	50.0	ND	87	40-160			
1,2,3-Trichloropropane	44.7	10	ug/kg	50.0	ND	89	55-140			
1,2,4-Trimethylbenzene	52.5	2.0	ug/kg	50.0	2.4	100	65-130			
1,3,5-Trimethylbenzene	47.3	2.0	ug/kg	50.0	ND	95	70-130			
Vinyl chloride	39.2	5.0	ug/kg	50.0	ND	78	45-130			
o-Xylene	44.5	2.0	ug/kg	50.0	ND	89	70-125			
m,p-Xylenes	96.8	2.0	ug/kg	100	1.7	95	70-125			
Surrogate: Dibromofluoromethane	53.2		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	53.9		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.5		ug/kg	50.0		107	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Matrix Spike Dup Analyzed: 05/10/04 (4E10011-MSD1)</b>					<b>Source: INE0440-01</b>					
Benzene	48.1	2.0	ug/kg	50.0	0.52	95	65-130	5	20	
Bromobenzene	48.0	5.0	ug/kg	50.0	ND	96	70-130	4	20	
Bromochloromethane	46.8	5.0	ug/kg	50.0	ND	94	60-145	2	25	
Bromodichloromethane	49.7	2.0	ug/kg	50.0	ND	99	70-145	3	20	
Bromoform	44.3	5.0	ug/kg	50.0	ND	89	60-145	3	25	
Bromomethane	48.7	5.0	ug/kg	50.0	ND	97	50-150	7	25	
n-Butylbenzene	49.7	5.0	ug/kg	50.0	ND	99	60-140	9	25	
sec-Butylbenzene	48.4	5.0	ug/kg	50.0	ND	97	65-135	8	20	
tert-Butylbenzene	47.5	5.0	ug/kg	50.0	ND	95	70-130	8	20	
Carbon tetrachloride	49.6	5.0	ug/kg	50.0	ND	99	70-140	9	20	
Chlorobenzene	47.0	2.0	ug/kg	50.0	ND	94	80-130	3	20	
Chloroethane	47.4	5.0	ug/kg	50.0	ND	95	50-150	8	30	
Chloroform	46.4	2.0	ug/kg	50.0	ND	93	70-130	5	20	
Chloromethane	42.7	5.0	ug/kg	50.0	ND	85	30-150	8	30	
2-Chlorotoluene	47.6	5.0	ug/kg	50.0	ND	95	70-130	6	20	
4-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	65-135	6	20	
Dibromochloromethane	48.4	2.0	ug/kg	50.0	ND	97	65-145	1	25	
1,2-Dibromo-3-chloropropane	38.0	5.0	ug/kg	50.0	ND	76	50-150	4	30	
1,2-Dibromoethane (EDB)	48.7	2.0	ug/kg	50.0	ND	97	65-135	0	20	
Dibromomethane	47.9	2.0	ug/kg	50.0	ND	96	65-135	2	20	
1,2-Dichlorobenzene	47.5	2.0	ug/kg	50.0	ND	95	75-130	3	20	
1,3-Dichlorobenzene	46.9	2.0	ug/kg	50.0	ND	94	70-125	6	20	
1,4-Dichlorobenzene	47.6	2.0	ug/kg	50.0	ND	95	75-130	6	20	
Dichlorodifluoromethane	40.9	5.0	ug/kg	50.0	ND	82	10-200	6	35	
1,1-Dichloroethane	47.9	2.0	ug/kg	50.0	ND	96	70-135	6	20	
1,2-Dichloroethane	47.4	2.0	ug/kg	50.0	ND	95	60-150	2	25	
1,1-Dichloroethene	49.6	5.0	ug/kg	50.0	ND	99	75-140	10	20	
cis-1,2-Dichloroethene	45.3	2.0	ug/kg	50.0	ND	91	60-135	6	20	
trans-1,2-Dichloroethene	48.0	2.0	ug/kg	50.0	ND	96	65-135	8	20	
1,2-Dichloropropane	46.5	2.0	ug/kg	50.0	ND	93	65-125	4	20	
1,3-Dichloropropane	48.4	2.0	ug/kg	50.0	ND	97	65-135	1	20	
2,2-Dichloropropane	48.6	2.0	ug/kg	50.0	ND	97	60-150	8	20	
1,1-Dichloropropene	47.5	2.0	ug/kg	50.0	ND	95	60-140	9	20	
cis-1,3-Dichloropropene	47.3	2.0	ug/kg	50.0	ND	95	65-135	3	20	
trans-1,3-Dichloropropene	49.4	2.0	ug/kg	50.0	ND	99	65-140	4	20	

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 SB0202-31  
 Report Number: INE0228

 Sampled: 05/05/04  
 Received: 05/05/04

**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10011 Extracted: 05/10/04</b>										
<b>Matrix Spike Dup Analyzed: 05/10/04 (4E10011-MSD1)</b>					<b>Source: INE0440-01</b>					
Ethylbenzene	50.6	2.0	ug/kg	50.0	1.3	99	70-130	0	20	
Hexachlorobutadiene	46.2	5.0	ug/kg	50.0	ND	92	65-145	10	20	
Isopropylbenzene	48.8	2.0	ug/kg	50.0	ND	98	60-135	6	25	
p-Isopropyltoluene	46.8	2.0	ug/kg	50.0	ND	94	60-135	8	20	
Methylene chloride	53.0	20	ug/kg	50.0	ND	106	60-145	10	25	
Naphthalene	47.1	5.0	ug/kg	50.0	ND	94	40-160	3	25	
n-Propylbenzene	50.3	2.0	ug/kg	50.0	ND	101	60-140	6	25	
Styrene	50.7	2.0	ug/kg	50.0	ND	101	70-145	4	20	
1,1,1,2-Tetrachloroethane	49.0	5.0	ug/kg	50.0	ND	98	65-145	3	20	
1,1,2,2-Tetrachloroethane	48.6	2.0	ug/kg	50.0	ND	97	55-150	5	25	
Tetrachloroethene	47.3	2.0	ug/kg	50.0	ND	95	70-130	8	20	
Toluene	47.8	2.0	ug/kg	50.0	ND	96	70-125	7	20	
1,2,3-Trichlorobenzene	47.7	5.0	ug/kg	50.0	ND	95	60-135	4	20	
1,2,4-Trichlorobenzene	49.1	5.0	ug/kg	50.0	ND	98	65-140	7	25	
1,1,1-Trichloroethane	49.2	2.0	ug/kg	50.0	ND	98	65-140	8	20	
1,1,2-Trichloroethane	47.7	2.0	ug/kg	50.0	ND	95	60-140	2	20	
Trichloroethene	46.9	2.0	ug/kg	50.0	ND	94	70-140	6	20	
Trichlorofluoromethane	47.8	5.0	ug/kg	50.0	ND	96	40-160	10	30	
1,2,3-Trichloropropane	45.8	10	ug/kg	50.0	ND	92	55-140	2	25	
1,2,4-Trimethylbenzene	51.1	2.0	ug/kg	50.0	2.4	97	65-130	3	20	
1,3,5-Trimethylbenzene	49.7	2.0	ug/kg	50.0	ND	99	70-130	5	20	
Vinyl chloride	43.0	5.0	ug/kg	50.0	ND	86	45-130	9	30	
o-Xylene	47.1	2.0	ug/kg	50.0	ND	94	70-125	6	20	
m,p-Xylenes	98.6	2.0	ug/kg	100	1.7	97	70-125	2	20	
Surrogate: Dibromofluoromethane	53.6		ug/kg	50.0		107	80-125			
Surrogate: Toluene-d8	54.0		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	52.4		ug/kg	50.0		105	80-120			

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

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Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Blank Analyzed: 05/14/04 (4E12014-BLK1)</b>										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Blank Analyzed: 05/14/04 (4E12014-BLK1)</b>										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2630		ug/kg	2500		105	50-160			
Surrogate: Toluene-d8	2800		ug/kg	2500		112	60-160			
Surrogate: 4-Bromofluorobenzene	2640		ug/kg	2500		106	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>LCS Analyzed: 05/14/04 (4E12014-BS1)</b>										
Benzene	2370	100	ug/kg	2500		95	75-125			
Bromobenzene	2460	250	ug/kg	2500		98	80-120			
Bromochloromethane	2550	250	ug/kg	2500		102	65-140			
Bromodichloromethane	2850	100	ug/kg	2500		114	70-140			
Bromoform	2890	250	ug/kg	2500		116	60-130			
Bromomethane	1760	250	ug/kg	2500		70	35-140			
n-Butylbenzene	2560	250	ug/kg	2500		102	80-130			
sec-Butylbenzene	2500	250	ug/kg	2500		100	75-125			
tert-Butylbenzene	2530	250	ug/kg	2500		101	80-125			
Carbon tetrachloride	2890	250	ug/kg	2500		116	70-140			
Chlorobenzene	2470	100	ug/kg	2500		99	80-125			
Chloroethane	1930	250	ug/kg	2500		77	40-145			
Chloroform	2640	100	ug/kg	2500		106	75-130			
Chloromethane	1780	250	ug/kg	2500		71	30-145			
2-Chlorotoluene	2500	250	ug/kg	2500		100	75-125			
4-Chlorotoluene	2540	250	ug/kg	2500		102	80-125			
Dibromochloromethane	2720	100	ug/kg	2500		109	65-145			
1,2-Dibromo-3-chloropropane	2930	250	ug/kg	2500		117	45-135			
1,2-Dibromoethane (EDB)	2750	100	ug/kg	2500		110	75-130			
Dibromomethane	2660	100	ug/kg	2500		106	75-135			
1,2-Dichlorobenzene	2530	100	ug/kg	2500		101	80-120			
1,3-Dichlorobenzene	2450	100	ug/kg	2500		98	80-120			
1,4-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120			
Dichlorodifluoromethane	1560	250	ug/kg	2500		62	10-160			
1,1-Dichloroethane	2340	100	ug/kg	2500		94	70-135			
1,2-Dichloroethane	3060	100	ug/kg	2500		122	60-150			
1,1-Dichloroethene	2270	250	ug/kg	2500		91	80-145			
cis-1,2-Dichloroethene	2180	100	ug/kg	2500		87	70-135			
trans-1,2-Dichloroethene	2310	100	ug/kg	2500		92	70-135			
1,2-Dichloropropane	2360	100	ug/kg	2500		94	75-125			
1,3-Dichloropropane	2580	100	ug/kg	2500		103	75-130			
2,2-Dichloropropane	2460	100	ug/kg	2500		98	70-150			
1,1-Dichloropropene	2520	100	ug/kg	2500		101	75-130			
cis-1,3-Dichloropropene	2520	100	ug/kg	2500		101	75-130			
trans-1,3-Dichloropropene	2780	100	ug/kg	2500		111	75-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>LCS Analyzed: 05/14/04 (4E12014-BS1)</b>										
Ethylbenzene	2570	100	ug/kg	2500		103	80-120			
Hexachlorobutadiene	2660	250	ug/kg	2500		106	75-140			
Isopropylbenzene	2490	100	ug/kg	2500		100	75-125			
p-Isopropyltoluene	2510	100	ug/kg	2500		100	80-125			
Methylene chloride	2240	1000	ug/kg	2500		90	60-145			
Naphthalene	2800	250	ug/kg	2500		112	50-145			
n-Propylbenzene	2530	100	ug/kg	2500		101	75-130			
Styrene	2560	100	ug/kg	2500		102	80-135			
1,1,1,2-Tetrachloroethane	2660	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2300	100	ug/kg	2500		92	60-135			
Tetrachloroethene	2550	100	ug/kg	2500		102	80-125			
Toluene	2480	100	ug/kg	2500		99	80-125			
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135			
1,2,4-Trichlorobenzene	2690	250	ug/kg	2500		108	70-140			
1,1,1-Trichloroethane	2830	100	ug/kg	2500		113	75-140			
1,1,2-Trichloroethane	2570	100	ug/kg	2500		103	70-130			
Trichloroethene	2580	100	ug/kg	2500		103	80-130			
Trichlorofluoromethane	2700	250	ug/kg	2500		108	55-145			
1,2,3-Trichloropropane	2920	500	ug/kg	2500		117	60-130			
1,2,4-Trimethylbenzene	2530	100	ug/kg	2500		101	80-125			
1,3,5-Trimethylbenzene	2550	100	ug/kg	2500		102	80-125			
Vinyl chloride	1130	250	ug/kg	2500		45	10-120			
o-Xylene	2490	100	ug/kg	2500		100	80-125			
m,p-Xylenes	5030	100	ug/kg	5000		101	80-120			
Surrogate: Dibromofluoromethane	2550		ug/kg	2500		102	50-160			
Surrogate: Toluene-d8	2540		ug/kg	2500		102	60-160			
Surrogate: 4-Bromofluorobenzene	2750		ug/kg	2500		110	60-150			

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SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>LCS Dup Analyzed: 05/14/04 (4E12014-BSD1)</b>										
Benzene	2310	100	ug/kg	2500		92	75-125	3	20	
Bromobenzene	2460	250	ug/kg	2500		98	80-120	0	20	
Bromochloromethane	2570	250	ug/kg	2500		103	65-140	1	20	
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140	3	20	
Bromoform	2830	250	ug/kg	2500		113	60-130	2	25	
Bromomethane	1770	250	ug/kg	2500		71	35-140	1	30	
n-Butylbenzene	2520	250	ug/kg	2500		101	80-130	2	20	
sec-Butylbenzene	2470	250	ug/kg	2500		99	75-125	1	20	
tert-Butylbenzene	2480	250	ug/kg	2500		99	80-125	2	20	
Carbon tetrachloride	2830	250	ug/kg	2500		113	70-140	2	20	
Chlorobenzene	2510	100	ug/kg	2500		100	80-125	2	20	
Chloroethane	1880	250	ug/kg	2500		75	40-145	3	25	
Chloroform	2600	100	ug/kg	2500		104	75-130	2	20	
Chloromethane	1770	250	ug/kg	2500		71	30-145	1	25	
2-Chlorotoluene	2430	250	ug/kg	2500		97	75-125	3	20	
4-Chlorotoluene	2480	250	ug/kg	2500		99	80-125	2	20	
Dibromochloromethane	2770	100	ug/kg	2500		111	65-145	2	20	
1,2-Dibromo-3-chloropropane	3130	250	ug/kg	2500		125	45-135	7	25	
1,2-Dibromoethane (EDB)	2800	100	ug/kg	2500		112	75-130	2	20	
Dibromomethane	2660	100	ug/kg	2500		106	75-135	0	20	
1,2-Dichlorobenzene	2510	100	ug/kg	2500		100	80-120	1	20	
1,3-Dichlorobenzene	2420	100	ug/kg	2500		97	80-120	1	20	
1,4-Dichlorobenzene	2480	100	ug/kg	2500		99	80-120	1	20	
Dichlorodifluoromethane	1460	250	ug/kg	2500		58	10-160	7	30	
1,1-Dichloroethane	2310	100	ug/kg	2500		92	70-135	1	20	
1,2-Dichloroethane	3000	100	ug/kg	2500		120	60-150	2	25	
1,1-Dichloroethene	2190	250	ug/kg	2500		88	80-145	4	20	
cis-1,2-Dichloroethene	2200	100	ug/kg	2500		88	70-135	1	20	
trans-1,2-Dichloroethene	2280	100	ug/kg	2500		91	70-135	1	20	
1,2-Dichloropropane	2350	100	ug/kg	2500		94	75-125	0	20	
1,3-Dichloropropane	2680	100	ug/kg	2500		107	75-130	4	20	
2,2-Dichloropropane	2380	100	ug/kg	2500		95	70-150	3	20	
1,1-Dichloropropene	2490	100	ug/kg	2500		100	75-130	1	20	
cis-1,3-Dichloropropene	2500	100	ug/kg	2500		100	75-130	1	20	
trans-1,3-Dichloropropene	2720	100	ug/kg	2500		109	75-135	2	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>LCS Dup Analyzed: 05/14/04 (4E12014-BSD1)</b>										
Ethylbenzene	2570	100	ug/kg	2500		103	80-120	0	20	
Hexachlorobutadiene	2600	250	ug/kg	2500		104	75-140	2	20	
Isopropylbenzene	2460	100	ug/kg	2500		98	75-125	1	20	
p-Isopropyltoluene	2490	100	ug/kg	2500		100	80-125	1	20	
Methylene chloride	2240	1000	ug/kg	2500		90	60-145	0	20	
Naphthalene	2870	250	ug/kg	2500		115	50-145	2	25	
n-Propylbenzene	2480	100	ug/kg	2500		99	75-130	2	20	
Styrene	2590	100	ug/kg	2500		104	80-135	1	20	
1,1,1,2-Tetrachloroethane	2710	250	ug/kg	2500		108	70-145	2	20	
1,1,2,2-Tetrachloroethane	2430	100	ug/kg	2500		97	60-135	5	25	
Tetrachloroethene	2570	100	ug/kg	2500		103	80-125	1	20	
Toluene	2460	100	ug/kg	2500		98	80-125	1	20	
1,2,3-Trichlorobenzene	2790	250	ug/kg	2500		112	65-135	1	20	
1,2,4-Trichlorobenzene	2670	250	ug/kg	2500		107	70-140	1	20	
1,1,1-Trichloroethane	2740	100	ug/kg	2500		110	75-140	3	20	
1,1,2-Trichloroethane	2590	100	ug/kg	2500		104	70-130	1	20	
Trichloroethene	2530	100	ug/kg	2500		101	80-130	2	20	
Trichlorofluoromethane	2650	250	ug/kg	2500		106	55-145	2	25	
1,2,3-Trichloropropane	3010	500	ug/kg	2500		120	60-130	3	20	
1,2,4-Trimethylbenzene	2520	100	ug/kg	2500		101	80-125	0	20	
1,3,5-Trimethylbenzene	2520	100	ug/kg	2500		101	80-125	1	20	
Vinyl chloride	1040	250	ug/kg	2500		42	10-120	8	30	
o-Xylene	2530	100	ug/kg	2500		101	80-125	2	20	
m,p-Xylenes	5120	100	ug/kg	5000		102	80-120	2	20	
Surrogate: Dibromofluoromethane	2460		ug/kg	2500		98	50-160			
Surrogate: Toluene-d8	2520		ug/kg	2500		101	60-160			
Surrogate: 4-Bromofluorobenzene	2790		ug/kg	2500		112	60-150			

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Matrix Spike Analyzed: 05/14/04 (4E12014-MS1)</b>					<b>Source: INE0653-06</b>					
Benzene	2190	100	ug/kg	2500	ND	88	60-140			
Bromobenzene	2280	250	ug/kg	2500	ND	91	65-130			
Bromochloromethane	2230	250	ug/kg	2500	ND	89	60-145			
Bromodichloromethane	2140	100	ug/kg	2500	ND	86	65-150			
Bromoform	1960	250	ug/kg	2500	ND	78	55-150			
Bromomethane	1630	250	ug/kg	2500	ND	65	30-160			
n-Butylbenzene	4810	250	ug/kg	2500	ND	192	60-150			MI
sec-Butylbenzene	2760	250	ug/kg	2500	560	88	65-145			
tert-Butylbenzene	2330	250	ug/kg	2500	ND	93	60-150			
Carbon tetrachloride	2200	250	ug/kg	2500	ND	88	70-140			
Chlorobenzene	2320	100	ug/kg	2500	ND	93	70-140			
Chloroethane	1710	250	ug/kg	2500	ND	68	30-170			
Chloroform	2220	100	ug/kg	2500	ND	89	60-140			
Chloromethane	1540	250	ug/kg	2500	ND	62	30-160			
2-Chlorotoluene	2500	250	ug/kg	2500	ND	100	60-140			
4-Chlorotoluene	2370	250	ug/kg	2500	ND	95	70-135			
Dibromochloromethane	2050	100	ug/kg	2500	ND	82	60-150			
1,2-Dibromo-3-chloropropane	1680	250	ug/kg	2500	ND	67	40-150			
1,2-Dibromoethane (EDB)	2140	100	ug/kg	2500	ND	86	65-140			
Dibromomethane	2130	100	ug/kg	2500	ND	85	65-140			
1,2-Dichlorobenzene	2060	100	ug/kg	2500	ND	82	70-130			
1,3-Dichlorobenzene	2200	100	ug/kg	2500	ND	88	60-155			
1,4-Dichlorobenzene	2170	100	ug/kg	2500	ND	87	55-150			
Dichlorodifluoromethane	981	250	ug/kg	2500	ND	39	10-160			
1,1-Dichloroethane	2220	100	ug/kg	2500	ND	89	60-155			
1,2-Dichloroethane	2200	100	ug/kg	2500	ND	88	55-150			
1,1-Dichloroethene	2350	250	ug/kg	2500	ND	94	60-165			
cis-1,2-Dichloroethene	2240	100	ug/kg	2500	ND	90	60-135			
trans-1,2-Dichloroethene	2280	100	ug/kg	2500	ND	91	50-155			
1,2-Dichloropropane	2280	100	ug/kg	2500	ND	91	65-135			
1,3-Dichloropropane	2150	100	ug/kg	2500	ND	86	65-135			
2,2-Dichloropropane	2420	100	ug/kg	2500	ND	97	60-150			
1,1-Dichloropropene	2230	100	ug/kg	2500	ND	89	60-140			
cis-1,3-Dichloropropene	2160	100	ug/kg	2500	ND	86	60-135			
trans-1,3-Dichloropropene	2150	100	ug/kg	2500	ND	86	55-155			

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Matrix Spike Analyzed: 05/14/04 (4E12014-MS1)</b>					<b>Source: INE0653-06</b>					
Ethylbenzene	2420	100	ug/kg	2500	43	95	60-140			
Hexachlorobutadiene	1530	250	ug/kg	2500	ND	61	65-145			M2
Isopropylbenzene	2490	100	ug/kg	2500	130	94	60-140			
p-Isopropyltoluene	2680	100	ug/kg	2500	480	88	60-145			
Methylene chloride	2330	1000	ug/kg	2500	ND	93	50-155			
Naphthalene	3790	250	ug/kg	2500	1600	88	30-165			
n-Propylbenzene	2660	100	ug/kg	2500	350	92	60-145			
Styrene	2410	100	ug/kg	2500	ND	96	60-145			
1,1,1,2-Tetrachloroethane	2150	250	ug/kg	2500	ND	86	65-145			
1,1,2,2-Tetrachloroethane	1260	100	ug/kg	2500	ND	50	60-150			M2
Tetrachloroethene	2260	100	ug/kg	2500	ND	90	65-145			
Toluene	2320	100	ug/kg	2500	ND	93	60-145			
1,2,3-Trichlorobenzene	1900	250	ug/kg	2500	ND	76	45-145			
1,2,4-Trichlorobenzene	2000	250	ug/kg	2500	ND	80	60-140			
1,1,1-Trichloroethane	2220	100	ug/kg	2500	ND	89	65-140			
1,1,2-Trichloroethane	2140	100	ug/kg	2500	ND	86	60-140			
Trichloroethene	2580	100	ug/kg	2500	ND	103	70-150			
Trichlorofluoromethane	2120	250	ug/kg	2500	ND	85	35-165			
1,2,3-Trichloropropane	2050	500	ug/kg	2500	ND	82	50-150			
1,2,4-Trimethylbenzene	6960	100	ug/kg	2500	5700	50	70-135			M2
1,3,5-Trimethylbenzene	3980	100	ug/kg	2500	2000	79	70-135			
Vinyl chloride	589	250	ug/kg	2500	ND	24	10-120			
o-Xylene	2440	100	ug/kg	2500	210	89	60-145			
m,p-Xylenes	4950	100	ug/kg	5000	430	90	60-140			
Surrogate: Dibromofluoromethane	2000		ug/kg	2500		80	50-160			
Surrogate: Toluene-d8	2320		ug/kg	2500		93	60-160			
Surrogate: 4-Bromofluorobenzene	2310		ug/kg	2500		92	60-150			

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager

Geosyntec Consultants/Project Navigator - Ascon  
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 Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

 Sampled: 05/05/04  
 Received: 05/05/04

**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Matrix Spike Dup Analyzed: 05/14/04 (4E12014-MSD1)</b>					<b>Source: INE0653-06</b>					
Benzene	2250	100	ug/kg	2500	ND	90	60-140	3	25	
Bromobenzene	2330	250	ug/kg	2500	ND	93	65-130	2	25	
Bromochloromethane	2270	250	ug/kg	2500	ND	91	60-145	2	25	
Bromodichloromethane	2170	100	ug/kg	2500	ND	87	65-150	1	25	
Bromoform	2200	250	ug/kg	2500	ND	88	55-150	12	30	
Bromomethane	1410	250	ug/kg	2500	ND	56	30-160	14	30	
n-Butylbenzene	4960	250	ug/kg	2500	ND	198	60-150	3	25	MI
sec-Butylbenzene	2790	250	ug/kg	2500	560	89	65-145	1	25	
tert-Butylbenzene	2380	250	ug/kg	2500	ND	95	60-150	2	20	
Carbon tetrachloride	2250	250	ug/kg	2500	ND	90	70-140	2	20	
Chlorobenzene	2340	100	ug/kg	2500	ND	94	70-140	1	25	
Chloroethane	1550	250	ug/kg	2500	ND	62	30-170	10	35	
Chloroform	2200	100	ug/kg	2500	ND	88	60-140	1	25	
Chloromethane	1510	250	ug/kg	2500	ND	60	30-160	2	30	
2-Chlorotoluene	2560	250	ug/kg	2500	ND	102	60-140	2	25	
4-Chlorotoluene	2400	250	ug/kg	2500	ND	96	70-135	1	20	
Dibromochloromethane	2120	100	ug/kg	2500	ND	85	60-150	3	25	
1,2-Dibromo-3-chloropropane	2590	250	ug/kg	2500	ND	104	40-150	43	30	R
1,2-Dibromoethane (EDB)	2250	100	ug/kg	2500	ND	90	65-140	5	25	
Dibromomethane	2150	100	ug/kg	2500	ND	86	65-140	1	20	
1,2-Dichlorobenzene	2080	100	ug/kg	2500	ND	83	70-130	1	20	
1,3-Dichlorobenzene	2220	100	ug/kg	2500	ND	89	60-155	1	25	
1,4-Dichlorobenzene	2180	100	ug/kg	2500	ND	87	55-150	1	25	
Dichlorodifluoromethane	872	250	ug/kg	2500	ND	35	10-160	12	35	
1,1-Dichloroethane	2180	100	ug/kg	2500	ND	87	60-155	2	25	
1,2-Dichloroethane	2190	100	ug/kg	2500	ND	88	55-150	1	30	
1,1-Dichloroethene	2240	250	ug/kg	2500	ND	90	60-165	5	25	
cis-1,2-Dichloroethene	2230	100	ug/kg	2500	ND	89	60-135	0	25	
trans-1,2-Dichloroethene	2280	100	ug/kg	2500	ND	91	50-155	0	25	
1,2-Dichloropropane	2240	100	ug/kg	2500	ND	90	65-135	2	20	
1,3-Dichloropropane	2140	100	ug/kg	2500	ND	86	65-135	1	20	
2,2-Dichloropropane	2320	100	ug/kg	2500	ND	93	60-150	4	20	
1,1-Dichloropropene	2240	100	ug/kg	2500	ND	90	60-140	0	20	
cis-1,3-Dichloropropene	2250	100	ug/kg	2500	ND	90	60-135	4	25	
trans-1,3-Dichloropropene	2190	100	ug/kg	2500	ND	88	55-155	2	25	

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12014 Extracted: 05/12/04</b>										
<b>Matrix Spike Dup Analyzed: 05/14/04 (4E12014-MSD1)</b>					<b>Source: INE0653-06</b>					
Ethylbenzene	2430	100	ug/kg	2500	43	95	60-140	0	25	
Hexachlorobutadiene	1560	250	ug/kg	2500	ND	62	65-145	2	25	M2
Isopropylbenzene	2560	100	ug/kg	2500	130	97	60-140	3	25	
p-Isopropyltoluene	2760	100	ug/kg	2500	480	91	60-145	3	25	
Methylene chloride	2280	1000	ug/kg	2500	ND	91	50-155	2	25	
Naphthalene	4030	250	ug/kg	2500	1600	97	30-165	6	30	
n-Propylbenzene	2690	100	ug/kg	2500	350	94	60-145	1	25	
Styrene	2550	100	ug/kg	2500	ND	102	60-145	6	20	
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500	ND	106	65-145	20	20	
1,1,2,2-Tetrachloroethane	2520	100	ug/kg	2500	ND	101	60-150	67	20	R-3
Tetrachloroethene	2210	100	ug/kg	2500	ND	88	65-145	2	25	
Toluene	2330	100	ug/kg	2500	ND	93	60-145	0	25	
1,2,3-Trichlorobenzene	1940	250	ug/kg	2500	ND	78	45-145	2	30	
1,2,4-Trichlorobenzene	2010	250	ug/kg	2500	ND	80	60-140	1	25	
1,1,1-Trichloroethane	2170	100	ug/kg	2500	ND	87	65-140	2	25	
1,1,2-Trichloroethane	2150	100	ug/kg	2500	ND	86	60-140	1	20	
Trichloroethene	2210	100	ug/kg	2500	ND	88	70-150	15	25	
Trichlorofluoromethane	1980	250	ug/kg	2500	ND	79	35-165	7	30	
1,2,3-Trichloropropane	2170	500	ug/kg	2500	ND	87	50-150	6	20	
1,2,4-Trimethylbenzene	7140	100	ug/kg	2500	5700	58	70-135	3	20	M2
1,3,5-Trimethylbenzene	4200	100	ug/kg	2500	2000	88	70-135	5	25	
Vinyl chloride	466	250	ug/kg	2500	ND	19	10-120	23	35	
o-Xylene	2540	100	ug/kg	2500	210	93	60-145	4	25	
m,p-Xylenes	5060	100	ug/kg	5000	430	93	60-140	2	25	
Surrogate: Dibromofluoromethane	2140		ug/kg	2500		86	50-160			
Surrogate: Toluene-d8	2300		ug/kg	2500		92	60-160			
Surrogate: 4-Bromofluorobenzene	2420		ug/kg	2500		97	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>Blank Analyzed: 05/09/04 (4E09006-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>									
<b>Blank Analyzed: 05/09/04 (4E09006-BLK1)</b>									
Ethylbenzene	ND	2.0	ug/kg						
Hexachlorobutadiene	ND	5.0	ug/kg						
Isopropylbenzene	ND	2.0	ug/kg						
p-Isopropyltoluene	ND	2.0	ug/kg						
Methylene chloride	ND	20	ug/kg						
Naphthalene	ND	5.0	ug/kg						
n-Propylbenzene	ND	2.0	ug/kg						
Styrene	ND	2.0	ug/kg						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg						
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg						
Tetrachloroethene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
1,2,3-Trichlorobenzene	ND	5.0	ug/kg						
1,2,4-Trichlorobenzene	ND	5.0	ug/kg						
1,1,1-Trichloroethane	ND	2.0	ug/kg						
1,1,2-Trichloroethane	ND	2.0	ug/kg						
Trichloroethene	ND	2.0	ug/kg						
Trichlorofluoromethane	ND	5.0	ug/kg						
1,2,3-Trichloropropane	ND	10	ug/kg						
1,2,4-Trimethylbenzene	ND	2.0	ug/kg						
1,3,5-Trimethylbenzene	ND	2.0	ug/kg						
Vinyl chloride	ND	5.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
Surrogate: Dibromofluoromethane	53.6		ug/kg	50.0		107	80-125		
Surrogate: Toluene-d8	54.9		ug/kg	50.0		110	80-120		
Surrogate: 4-Bromofluorobenzene	53.9		ug/kg	50.0		108	80-120		

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09006-BS1)</b>										
Benzene	44.0	2.0	ug/kg	50.0		88	70-120			
Bromobenzene	47.9	5.0	ug/kg	50.0		96	80-120			
Bromochloromethane	48.0	5.0	ug/kg	50.0		96	65-135			
Bromodichloromethane	48.0	2.0	ug/kg	50.0		96	70-140			
Bromoform	50.0	5.0	ug/kg	50.0		100	60-140			
Bromomethane	54.5	5.0	ug/kg	50.0		109	60-140			
n-Butylbenzene	49.6	5.0	ug/kg	50.0		99	75-130			
sec-Butylbenzene	47.5	5.0	ug/kg	50.0		95	75-125			
tert-Butylbenzene	48.6	5.0	ug/kg	50.0		97	80-125			
Carbon tetrachloride	48.3	5.0	ug/kg	50.0		97	70-140			
Chlorobenzene	48.3	2.0	ug/kg	50.0		97	80-125			
Chloroethane	54.6	5.0	ug/kg	50.0		109	55-145			
Chloroform	48.0	2.0	ug/kg	50.0		96	75-120			
Chloromethane	46.3	5.0	ug/kg	50.0		93	35-145			
2-Chlorotoluene	45.9	5.0	ug/kg	50.0		92	75-125			
4-Chlorotoluene	46.4	5.0	ug/kg	50.0		93	80-125			
Dibromochloromethane	49.5	2.0	ug/kg	50.0		99	65-145			
1,2-Dibromo-3-chloropropane	40.0	5.0	ug/kg	50.0		80	50-150			
1,2-Dibromoethane (EDB)	48.2	2.0	ug/kg	50.0		96	70-130			
Dibromomethane	46.0	2.0	ug/kg	50.0		92	70-130			
1,2-Dichlorobenzene	48.3	2.0	ug/kg	50.0		97	80-125			
1,3-Dichlorobenzene	45.7	2.0	ug/kg	50.0		91	80-120			
1,4-Dichlorobenzene	46.0	2.0	ug/kg	50.0		92	80-120			
Dichlorodifluoromethane	51.9	5.0	ug/kg	50.0		104	10-160			
1,1-Dichloroethane	47.2	2.0	ug/kg	50.0		94	70-135			
1,2-Dichloroethane	47.0	2.0	ug/kg	50.0		94	60-150			
1,1-Dichloroethene	45.2	5.0	ug/kg	50.0		90	75-130			
cis-1,2-Dichloroethene	46.5	2.0	ug/kg	50.0		93	70-125			
trans-1,2-Dichloroethene	47.4	2.0	ug/kg	50.0		95	70-130			
1,2-Dichloropropane	45.3	2.0	ug/kg	50.0		91	70-120			
1,3-Dichloropropane	47.6	2.0	ug/kg	50.0		95	70-130			
2,2-Dichloropropane	58.1	2.0	ug/kg	50.0		116	70-150			
1,1-Dichloropropene	47.8	2.0	ug/kg	50.0		96	75-130			
cis-1,3-Dichloropropene	46.4	2.0	ug/kg	50.0		93	75-130			
trans-1,3-Dichloropropene	47.4	2.0	ug/kg	50.0		95	70-135			

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**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09006-BS1)</b>										
Ethylbenzene	48.7	2.0	ug/kg	50.0		97	75-125			
Hexachlorobutadiene	45.5	5.0	ug/kg	50.0		91	75-140			
Isopropylbenzene	46.8	2.0	ug/kg	50.0		94	75-125			
p-Isopropyltoluene	46.6	2.0	ug/kg	50.0		93	75-125			
Methylene chloride	46.6	20	ug/kg	50.0		93	60-135			
Naphthalene	46.0	5.0	ug/kg	50.0		92	50-145			
n-Propylbenzene	47.8	2.0	ug/kg	50.0		96	75-130			
Styrene	50.2	2.0	ug/kg	50.0		100	80-135			
1,1,1,2-Tetrachloroethane	50.0	5.0	ug/kg	50.0		100	70-145			
1,1,2,2-Tetrachloroethane	43.9	2.0	ug/kg	50.0		88	55-145			
Tetrachloroethene	47.9	2.0	ug/kg	50.0		96	80-125			
Toluene	46.3	2.0	ug/kg	50.0		93	75-120			
1,2,3-Trichlorobenzene	44.3	5.0	ug/kg	50.0		89	65-135			
1,2,4-Trichlorobenzene	46.4	5.0	ug/kg	50.0		93	70-140			
1,1,1-Trichloroethane	49.4	2.0	ug/kg	50.0		99	75-140			
1,1,2-Trichloroethane	46.0	2.0	ug/kg	50.0		92	65-130			
Trichloroethene	46.2	2.0	ug/kg	50.0		92	75-125			
Trichlorofluoromethane	49.2	5.0	ug/kg	50.0		98	50-145			
1,2,3-Trichloropropane	43.5	10	ug/kg	50.0		87	55-140			
1,2,4-Trimethylbenzene	46.9	2.0	ug/kg	50.0		94	75-125			
1,3,5-Trimethylbenzene	48.0	2.0	ug/kg	50.0		96	80-125			
Vinyl chloride	43.1	5.0	ug/kg	50.0		86	45-130			
o-Xylene	46.0	2.0	ug/kg	50.0		92	75-125			
m,p-Xylenes	94.5	2.0	ug/kg	100		94	75-125			
Surrogate: Dibromofluoromethane	53.5		ug/kg	50.0		107	80-125			
Surrogate: Toluene-d8	54.1		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	54.5		ug/kg	50.0		109	80-120			

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09006-MS1)</b>					<b>Source: INE0440-04</b>					
Benzene	56.2	2.0	ug/kg	50.0	7.9	97	65-130			
Bromobenzene	57.7	5.0	ug/kg	50.0	ND	115	70-130			
Bromochloromethane	55.9	5.0	ug/kg	50.0	ND	112	60-145			
Bromodichloromethane	56.4	2.0	ug/kg	50.0	ND	113	70-145			
Bromoform	57.2	5.0	ug/kg	50.0	ND	114	60-145			
Bromomethane	62.6	5.0	ug/kg	50.0	ND	125	50-150			
n-Butylbenzene	60.4	5.0	ug/kg	50.0	ND	121	60-140			
sec-Butylbenzene	56.6	5.0	ug/kg	50.0	ND	113	65-135			
tert-Butylbenzene	58.3	5.0	ug/kg	50.0	ND	117	70-130			
Carbon tetrachloride	58.7	5.0	ug/kg	50.0	ND	117	70-140			
Chlorobenzene	57.1	2.0	ug/kg	50.0	ND	114	80-130			
Chloroethane	61.2	5.0	ug/kg	50.0	ND	122	50-150			
Chloroform	57.5	2.0	ug/kg	50.0	ND	115	70-130			
Chloromethane	54.4	5.0	ug/kg	50.0	ND	109	30-150			
2-Chlorotoluene	56.0	5.0	ug/kg	50.0	ND	112	70-130			
4-Chlorotoluene	57.2	5.0	ug/kg	50.0	ND	114	65-135			
Dibromochloromethane	56.9	2.0	ug/kg	50.0	ND	114	65-145			
1,2-Dibromo-3-chloropropane	46.0	5.0	ug/kg	50.0	ND	92	50-150			
1,2-Dibromoethane (EDB)	55.6	2.0	ug/kg	50.0	ND	111	65-135			
Dibromomethane	53.0	2.0	ug/kg	50.0	ND	106	65-135			
1,2-Dichlorobenzene	56.1	2.0	ug/kg	50.0	ND	112	75-130			
1,3-Dichlorobenzene	56.8	2.0	ug/kg	50.0	ND	114	70-125			
1,4-Dichlorobenzene	55.7	2.0	ug/kg	50.0	ND	111	75-130			
Dichlorodifluoromethane	57.6	5.0	ug/kg	50.0	ND	115	10-200			
1,1-Dichloroethane	56.9	2.0	ug/kg	50.0	ND	114	70-135			
1,2-Dichloroethane	56.9	2.0	ug/kg	50.0	2.0	110	60-150			
1,1-Dichloroethene	55.0	5.0	ug/kg	50.0	ND	110	75-140			
cis-1,2-Dichloroethene	55.3	2.0	ug/kg	50.0	ND	111	60-135			
trans-1,2-Dichloroethene	57.6	2.0	ug/kg	50.0	ND	115	65-135			
1,2-Dichloropropane	53.8	2.0	ug/kg	50.0	ND	108	65-125			
1,3-Dichloropropane	53.3	2.0	ug/kg	50.0	ND	107	65-135			
2,2-Dichloropropane	70.2	2.0	ug/kg	50.0	ND	140	60-150			
1,1-Dichloropropene	57.2	2.0	ug/kg	50.0	ND	114	60-140			
cis-1,3-Dichloropropene	56.3	2.0	ug/kg	50.0	ND	113	65-135			
trans-1,3-Dichloropropene	56.6	2.0	ug/kg	50.0	ND	113	65-140			

Del Mar Analytical, Irvine  
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Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09006-MS1)</b>					<b>Source: INE0440-04</b>					
Ethylbenzene	57.4	2.0	ug/kg	50.0	ND	115	70-130			
Hexachlorobutadiene	57.1	5.0	ug/kg	50.0	ND	114	65-145			
Isopropylbenzene	59.1	2.0	ug/kg	50.0	1.4	115	60-135			
p-Isopropyltoluene	56.7	2.0	ug/kg	50.0	ND	113	60-135			
Methylene chloride	54.2	20	ug/kg	50.0	ND	108	60-145			
Naphthalene	51.7	5.0	ug/kg	50.0	ND	103	40-160			
n-Propylbenzene	60.1	2.0	ug/kg	50.0	ND	120	60-140			
Styrene	61.5	2.0	ug/kg	50.0	ND	123	70-145			
1,1,1,2-Tetrachloroethane	59.5	5.0	ug/kg	50.0	ND	119	65-145			
1,1,2,2-Tetrachloroethane	54.1	2.0	ug/kg	50.0	ND	108	55-150			
Tetrachloroethene	56.0	2.0	ug/kg	50.0	ND	112	70-130			
Toluene	55.3	2.0	ug/kg	50.0	ND	111	70-125			
1,2,3-Trichlorobenzene	54.1	5.0	ug/kg	50.0	ND	108	60-135			
1,2,4-Trichlorobenzene	56.4	5.0	ug/kg	50.0	ND	113	65-140			
1,1,1-Trichloroethane	61.6	2.0	ug/kg	50.0	ND	123	65-140			
1,1,2-Trichloroethane	53.4	2.0	ug/kg	50.0	ND	107	60-140			
Trichloroethene	56.9	2.0	ug/kg	50.0	ND	114	70-140			
Trichlorofluoromethane	58.5	5.0	ug/kg	50.0	ND	117	40-160			
1,2,3-Trichloropropane	51.4	10	ug/kg	50.0	ND	103	55-140			
1,2,4-Trimethylbenzene	57.3	2.0	ug/kg	50.0	ND	115	65-130			
1,3,5-Trimethylbenzene	59.6	2.0	ug/kg	50.0	ND	119	70-130			
Vinyl chloride	49.9	5.0	ug/kg	50.0	ND	100	45-130			
o-Xylene	57.1	2.0	ug/kg	50.0	ND	114	70-125			
m,p-Xylenes	114	2.0	ug/kg	100	ND	114	70-125			
Surrogate: Dibromofluoromethane	53.6		ug/kg	50.0		107	80-125			
Surrogate: Toluene-d8	55.5		ug/kg	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	54.1		ug/kg	50.0		108	80-120			

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09006-MSD1)</b>					<b>Source: INE0440-04</b>					
Benzene	50.4	2.0	ug/kg	50.0	7.9	85	65-130	11	20	
Bromobenzene	50.5	5.0	ug/kg	50.0	ND	101	70-130	13	20	
Bromochloromethane	50.2	5.0	ug/kg	50.0	ND	100	60-145	11	25	
Bromodichloromethane	49.6	2.0	ug/kg	50.0	ND	99	70-145	13	20	
Bromoform	49.6	5.0	ug/kg	50.0	ND	99	60-145	14	25	
Bromomethane	54.4	5.0	ug/kg	50.0	ND	109	50-150	14	25	
n-Butylbenzene	52.1	5.0	ug/kg	50.0	ND	104	60-140	15	25	
sec-Butylbenzene	49.8	5.0	ug/kg	50.0	ND	100	65-135	13	20	
tert-Butylbenzene	51.9	5.0	ug/kg	50.0	ND	104	70-130	12	20	
Carbon tetrachloride	51.6	5.0	ug/kg	50.0	ND	103	70-140	13	20	
Chlorobenzene	48.9	2.0	ug/kg	50.0	ND	98	80-130	15	20	
Chloroethane	53.9	5.0	ug/kg	50.0	ND	108	50-150	13	30	
Chloroform	50.6	2.0	ug/kg	50.0	ND	101	70-130	13	20	
Chloromethane	47.5	5.0	ug/kg	50.0	ND	95	30-150	14	30	
2-Chlorotoluene	48.8	5.0	ug/kg	50.0	ND	98	70-130	14	20	
4-Chlorotoluene	50.4	5.0	ug/kg	50.0	ND	101	65-135	13	20	
Dibromochloromethane	47.6	2.0	ug/kg	50.0	ND	95	65-145	18	25	
1,2-Dibromo-3-chloropropane	42.6	5.0	ug/kg	50.0	ND	85	50-150	8	30	
1,2-Dibromoethane (EDB)	48.7	2.0	ug/kg	50.0	ND	97	65-135	13	20	
Dibromomethane	47.7	2.0	ug/kg	50.0	ND	95	65-135	11	20	
1,2-Dichlorobenzene	48.7	2.0	ug/kg	50.0	ND	97	75-130	14	20	
1,3-Dichlorobenzene	49.0	2.0	ug/kg	50.0	ND	98	70-125	15	20	
1,4-Dichlorobenzene	47.7	2.0	ug/kg	50.0	ND	95	75-130	15	20	
Dichlorodifluoromethane	49.9	5.0	ug/kg	50.0	ND	100	10-200	14	35	
1,1-Dichloroethane	49.7	2.0	ug/kg	50.0	ND	99	70-135	14	20	
1,2-Dichloroethane	49.2	2.0	ug/kg	50.0	2.0	94	60-150	15	25	
1,1-Dichloroethene	48.5	5.0	ug/kg	50.0	ND	97	75-140	13	20	
cis-1,2-Dichloroethene	48.9	2.0	ug/kg	50.0	ND	98	60-135	12	20	
trans-1,2-Dichloroethene	50.8	2.0	ug/kg	50.0	ND	102	65-135	13	20	
1,2-Dichloropropane	47.9	2.0	ug/kg	50.0	ND	96	65-125	12	20	
1,3-Dichloropropane	46.9	2.0	ug/kg	50.0	ND	94	65-135	13	20	
2,2-Dichloropropane	61.6	2.0	ug/kg	50.0	ND	123	60-150	13	20	
1,1-Dichloropropene	50.2	2.0	ug/kg	50.0	ND	100	60-140	13	20	
cis-1,3-Dichloropropene	50.4	2.0	ug/kg	50.0	ND	101	65-135	11	20	
trans-1,3-Dichloropropene	50.0	2.0	ug/kg	50.0	ND	100	65-140	12	20	

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 Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

 Sampled: 05/05/04  
 Received: 05/05/04

**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09006 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09006-MSD1)</b>					<b>Source: INE0440-04</b>					
Ethylbenzene	49.0	2.0	ug/kg	50.0	ND	98	70-130	16	20	
Hexachlorobutadiene	49.9	5.0	ug/kg	50.0	ND	100	65-145	13	20	
Isopropylbenzene	50.4	2.0	ug/kg	50.0	1.4	98	60-135	16	25	
p-Isopropyltoluene	49.7	2.0	ug/kg	50.0	ND	99	60-135	13	20	
Methylene chloride	47.0	20	ug/kg	50.0	ND	94	60-145	14	25	
Naphthalene	50.9	5.0	ug/kg	50.0	ND	102	40-160	2	25	
n-Propylbenzene	52.6	2.0	ug/kg	50.0	ND	105	60-140	13	25	
Styrene	51.1	2.0	ug/kg	50.0	ND	102	70-145	18	20	
1,1,1,2-Tetrachloroethane	49.8	5.0	ug/kg	50.0	ND	100	65-145	18	20	
1,1,2,2-Tetrachloroethane	49.9	2.0	ug/kg	50.0	ND	100	55-150	8	25	
Tetrachloroethene	48.0	2.0	ug/kg	50.0	ND	96	70-130	15	20	
Toluene	49.6	2.0	ug/kg	50.0	ND	99	70-125	11	20	
1,2,3-Trichlorobenzene	48.0	5.0	ug/kg	50.0	ND	96	60-135	12	20	
1,2,4-Trichlorobenzene	49.3	5.0	ug/kg	50.0	ND	99	65-140	13	25	
1,1,1-Trichloroethane	52.3	2.0	ug/kg	50.0	ND	105	65-140	16	20	
1,1,2-Trichloroethane	49.0	2.0	ug/kg	50.0	ND	98	60-140	9	20	
Trichloroethene	49.1	2.0	ug/kg	50.0	ND	98	70-140	15	20	
Trichlorofluoromethane	50.6	5.0	ug/kg	50.0	ND	101	40-160	14	30	
1,2,3-Trichloropropane	46.4	10	ug/kg	50.0	ND	93	55-140	10	25	
1,2,4-Trimethylbenzene	50.5	2.0	ug/kg	50.0	ND	101	65-130	13	20	
1,3,5-Trimethylbenzene	51.0	2.0	ug/kg	50.0	ND	102	70-130	16	20	
Vinyl chloride	43.0	5.0	ug/kg	50.0	ND	86	45-130	15	30	
o-Xylene	46.7	2.0	ug/kg	50.0	ND	93	70-125	20	20	
m,p-Xylenes	96.7	2.0	ug/kg	100	ND	97	70-125	16	20	
Surrogate: Dibromofluoromethane	54.0		ug/kg	50.0		108	80-125			
Surrogate: Toluene-d8	55.4		ug/kg	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	52.2		ug/kg	50.0		104	80-120			

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>									
<b>Blank Analyzed: 05/09/04 (4E09008-BLK1)</b>									
Benzene	ND	100	ug/kg						
Bromobenzene	ND	250	ug/kg						
Bromochloromethane	ND	250	ug/kg						
Bromodichloromethane	ND	100	ug/kg						
Bromoform	ND	250	ug/kg						
Bromomethane	ND	250	ug/kg						
n-Butylbenzene	ND	250	ug/kg						
sec-Butylbenzene	ND	250	ug/kg						
tert-Butylbenzene	ND	250	ug/kg						
Carbon tetrachloride	ND	250	ug/kg						
Chlorobenzene	ND	100	ug/kg						
Chloroethane	ND	250	ug/kg						
Chloroform	ND	100	ug/kg						
Chloromethane	ND	250	ug/kg						
2-Chlorotoluene	ND	250	ug/kg						
4-Chlorotoluene	ND	250	ug/kg						
Dibromochloromethane	ND	100	ug/kg						
1,2-Dibromo-3-chloropropane	ND	250	ug/kg						
1,2-Dibromoethane (EDB)	ND	100	ug/kg						
Dibromomethane	ND	100	ug/kg						
1,2-Dichlorobenzene	ND	100	ug/kg						
1,3-Dichlorobenzene	ND	100	ug/kg						
1,4-Dichlorobenzene	ND	100	ug/kg						
Dichlorodifluoromethane	ND	250	ug/kg						
1,1-Dichloroethane	ND	100	ug/kg						
1,2-Dichloroethane	ND	100	ug/kg						
1,1-Dichloroethene	ND	250	ug/kg						
cis-1,2-Dichloroethene	ND	100	ug/kg						
trans-1,2-Dichloroethene	ND	100	ug/kg						
1,2-Dichloropropane	ND	100	ug/kg						
1,3-Dichloropropane	ND	100	ug/kg						
2,2-Dichloropropane	ND	100	ug/kg						
1,1-Dichloropropene	ND	100	ug/kg						
cis-1,3-Dichloropropene	ND	100	ug/kg						
trans-1,3-Dichloropropene	ND	100	ug/kg						

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>Blank Analyzed: 05/09/04 (4E09008-BLK1)</b>										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	3510		ug/kg	2500		140	50-160			
Surrogate: Toluene-d8	3310		ug/kg	2500		132	60-160			
Surrogate: 4-Bromofluorobenzene	3330		ug/kg	2500		133	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09008-BS1)</b>										
Benzene	2310	100	ug/kg	2500		92	75-125			
Bromobenzene	2480	250	ug/kg	2500		99	80-120			
Bromochloromethane	2760	250	ug/kg	2500		110	65-140			
Bromodichloromethane	2830	100	ug/kg	2500		113	70-140			
Bromoform	2740	250	ug/kg	2500		110	60-130			
Bromomethane	2010	250	ug/kg	2500		80	35-140			
n-Butylbenzene	2680	250	ug/kg	2500		107	80-130			
sec-Butylbenzene	2480	250	ug/kg	2500		99	75-125			
tert-Butylbenzene	2570	250	ug/kg	2500		103	80-125			
Carbon tetrachloride	3170	250	ug/kg	2500		127	70-140			
Chlorobenzene	2620	100	ug/kg	2500		105	80-125			
Chloroethane	2180	250	ug/kg	2500		87	40-145			
Chloroform	2810	100	ug/kg	2500		112	75-130			
Chloromethane	2320	250	ug/kg	2500		93	30-145			
2-Chlorotoluene	2530	250	ug/kg	2500		101	75-125			
4-Chlorotoluene	2620	250	ug/kg	2500		105	80-125			
Dibromochloromethane	2830	100	ug/kg	2500		113	65-145			
1,2-Dibromo-3-chloropropane	2720	250	ug/kg	2500		109	45-135			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	75-130			
Dibromomethane	2780	100	ug/kg	2500		111	75-135			
1,2-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120			
1,3-Dichlorobenzene	2520	100	ug/kg	2500		101	80-120			
1,4-Dichlorobenzene	2560	100	ug/kg	2500		102	80-120			
Dichlorodifluoromethane	2460	250	ug/kg	2500		98	10-160			
1,1-Dichloroethane	2640	100	ug/kg	2500		106	70-135			
1,2-Dichloroethane	3030	100	ug/kg	2500		121	60-150			
1,1-Dichloroethene	2750	250	ug/kg	2500		110	80-145			
cis-1,2-Dichloroethene	2530	100	ug/kg	2500		101	70-135			
trans-1,2-Dichloroethene	2620	100	ug/kg	2500		105	70-135			
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125			
1,3-Dichloropropane	2620	100	ug/kg	2500		105	75-130			
2,2-Dichloropropane	2630	100	ug/kg	2500		105	70-150			
1,1-Dichloropropene	2690	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2720	100	ug/kg	2500		109	75-130			
trans-1,3-Dichloropropene	2950	100	ug/kg	2500		118	75-135			

Del Mar Analytical, Irvine  
Amanda Cordova  
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Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>LCS Analyzed: 05/09/04 (4E09008-BS1)</b>										
Ethylbenzene	2650	100	ug/kg	2500		106	80-120			
Hexachlorobutadiene	2570	250	ug/kg	2500		103	75-140			
Isopropylbenzene	2560	100	ug/kg	2500		102	75-125			
p-Isopropyltoluene	2440	100	ug/kg	2500		98	80-125			
Methylene chloride	2940	1000	ug/kg	2500		118	60-145			
Naphthalene	2740	250	ug/kg	2500		110	50-145			
n-Propylbenzene	2590	100	ug/kg	2500		104	75-130			
Styrene	2760	100	ug/kg	2500		110	80-135			
1,1,1,2-Tetrachloroethane	2860	250	ug/kg	2500		114	70-145			
1,1,2,2-Tetrachloroethane	2400	100	ug/kg	2500		96	60-135			
Tetrachloroethene	2590	100	ug/kg	2500		104	80-125			
Toluene	2550	100	ug/kg	2500		102	80-125			
1,2,3-Trichlorobenzene	2700	250	ug/kg	2500		108	65-135			
1,2,4-Trichlorobenzene	2700	250	ug/kg	2500		108	70-140			
1,1,1-Trichloroethane	2880	100	ug/kg	2500		115	75-140			
1,1,2-Trichloroethane	2610	100	ug/kg	2500		104	70-130			
Trichloroethene	2580	100	ug/kg	2500		103	80-130			
Trichlorofluoromethane	2980	250	ug/kg	2500		119	55-145			
1,2,3-Trichloropropane	2500	500	ug/kg	2500		100	60-130			
1,2,4-Trimethylbenzene	2580	100	ug/kg	2500		103	80-125			
1,3,5-Trimethylbenzene	2570	100	ug/kg	2500		103	80-125			
Vinyl chloride	822	250	ug/kg	2500		33	10-120			
o-Xylene	2590	100	ug/kg	2500		104	80-125			
m,p-Xylenes	5070	100	ug/kg	5000		101	80-120			
Surrogate: Dibromofluoromethane	2940		ug/kg	2500		118	50-160			
Surrogate: Toluene-d8	2860		ug/kg	2500		114	60-160			
Surrogate: 4-Bromofluorobenzene	3030		ug/kg	2500		121	60-150			

Del Mar Analytical, Irvine  
Amanda Cordova  
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Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>LCS Dup Analyzed: 05/09/04 (4E09008-BSD1)</b>										
Benzene	2270	100	ug/kg	2500		91	75-125	2	20	
Bromobenzene	2460	250	ug/kg	2500		98	80-120	1	20	
Bromochloromethane	2700	250	ug/kg	2500		108	65-140	2	20	
Bromodichloromethane	2750	100	ug/kg	2500		110	70-140	3	20	
Bromoform	2860	250	ug/kg	2500		114	60-130	4	25	
Bromomethane	1770	250	ug/kg	2500		71	35-140	13	30	
n-Butylbenzene	2550	250	ug/kg	2500		102	80-130	5	20	
sec-Butylbenzene	2390	250	ug/kg	2500		96	75-125	4	20	
tert-Butylbenzene	2500	250	ug/kg	2500		100	80-125	3	20	
Carbon tetrachloride	2960	250	ug/kg	2500		118	70-140	7	20	
Chlorobenzene	2550	100	ug/kg	2500		102	80-125	3	20	
Chloroethane	1930	250	ug/kg	2500		77	40-145	12	25	
Chloroform	2660	100	ug/kg	2500		106	75-130	5	20	
Chloromethane	2200	250	ug/kg	2500		88	30-145	5	25	
2-Chlorotoluene	2470	250	ug/kg	2500		99	75-125	2	20	
4-Chlorotoluene	2520	250	ug/kg	2500		101	80-125	4	20	
Dibromochloromethane	2800	100	ug/kg	2500		112	65-145	1	20	
1,2-Dibromo-3-chloropropane	3050	250	ug/kg	2500		122	45-135	11	25	
1,2-Dibromoethane (EDB)	2800	100	ug/kg	2500		112	75-130	2	20	
Dibromomethane	2830	100	ug/kg	2500		113	75-135	2	20	
1,2-Dichlorobenzene	2560	100	ug/kg	2500		102	80-120	3	20	
1,3-Dichlorobenzene	2420	100	ug/kg	2500		97	80-120	4	20	
1,4-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120	2	20	
Dichlorodifluoromethane	2190	250	ug/kg	2500		88	10-160	12	30	
1,1-Dichloroethane	2540	100	ug/kg	2500		102	70-135	4	20	
1,2-Dichloroethane	2920	100	ug/kg	2500		117	60-150	4	25	
1,1-Dichloroethene	2650	250	ug/kg	2500		106	80-145	4	20	
cis-1,2-Dichloroethene	2440	100	ug/kg	2500		98	70-135	4	20	
trans-1,2-Dichloroethene	2520	100	ug/kg	2500		101	70-135	4	20	
1,2-Dichloropropane	2510	100	ug/kg	2500		100	75-125	0	20	
1,3-Dichloropropane	2700	100	ug/kg	2500		108	75-130	3	20	
2,2-Dichloropropane	2500	100	ug/kg	2500		100	70-150	5	20	
1,1-Dichloropropene	2620	100	ug/kg	2500		105	75-130	3	20	
cis-1,3-Dichloropropene	2680	100	ug/kg	2500		107	75-130	1	20	
trans-1,3-Dichloropropene	2950	100	ug/kg	2500		118	75-135	0	20	

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SB0202-31  
Report Number: INE0228

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>LCS Dup Analyzed: 05/09/04 (4E09008-BSD1)</b>										
Ethylbenzene	2560	100	ug/kg	2500		102	80-120	3	20	
Hexachlorobutadiene	2440	250	ug/kg	2500		98	75-140	5	20	
Isopropylbenzene	2500	100	ug/kg	2500		100	75-125	2	20	
p-Isopropyltoluene	2330	100	ug/kg	2500		93	80-125	5	20	
Methylene chloride	2830	1000	ug/kg	2500		113	60-145	4	20	
Naphthalene	2950	250	ug/kg	2500		118	50-145	7	25	
n-Propylbenzene	2530	100	ug/kg	2500		101	75-130	2	20	
Styrene	2680	100	ug/kg	2500		107	80-135	3	20	
1,1,1,2-Tetrachloroethane	2720	250	ug/kg	2500		109	70-145	5	20	
1,1,2,2-Tetrachloroethane	2640	100	ug/kg	2500		106	60-135	10	25	
Tetrachloroethene	2500	100	ug/kg	2500		100	80-125	4	20	
Toluene	2470	100	ug/kg	2500		99	80-125	3	20	
1,2,3-Trichlorobenzene	2690	250	ug/kg	2500		108	65-135	0	20	
1,2,4-Trichlorobenzene	2630	250	ug/kg	2500		105	70-140	3	20	
1,1,1-Trichloroethane	2700	100	ug/kg	2500		108	75-140	6	20	
1,1,2-Trichloroethane	2700	100	ug/kg	2500		108	70-130	3	20	
Trichloroethene	2530	100	ug/kg	2500		101	80-130	2	20	
Trichlorofluoromethane	2740	250	ug/kg	2500		110	55-145	8	25	
1,2,3-Trichloropropane	2700	500	ug/kg	2500		108	60-130	8	20	
1,2,4-Trimethylbenzene	2500	100	ug/kg	2500		100	80-125	3	20	
1,3,5-Trimethylbenzene	2500	100	ug/kg	2500		100	80-125	3	20	
Vinyl chloride	712	250	ug/kg	2500		28	10-120	14	30	
o-Xylene	2440	100	ug/kg	2500		98	80-125	6	20	
m,p-Xylenes	4940	100	ug/kg	5000		99	80-120	3	20	
Surrogate: Dibromofluoromethane	2800		ug/kg	2500		112	50-160			
Surrogate: Toluene-d8	2790		ug/kg	2500		112	60-160			
Surrogate: 4-Bromofluorobenzene	2880		ug/kg	2500		115	60-150			

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Report Number: INE0228

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09008-MS1)</b>					<b>Source: INE0208-05</b>					
Benzene	1570	100	ug/kg	2500	ND	63	60-140			
Bromobenzene	2040	250	ug/kg	2500	ND	82	65-130			
Bromochloromethane	2070	250	ug/kg	2500	ND	83	60-145			
Bromodichloromethane	2000	100	ug/kg	2500	ND	80	65-150			
Bromoform	1960	250	ug/kg	2500	ND	78	55-150			
Bromomethane	1560	250	ug/kg	2500	ND	62	30-160			
n-Butylbenzene	3540	250	ug/kg	2500	ND	142	60-150			
sec-Butylbenzene	3020	250	ug/kg	2500	1700	53	65-145			M2
tert-Butylbenzene	2140	250	ug/kg	2500	61	83	60-150			
Carbon tetrachloride	1670	250	ug/kg	2500	ND	67	70-140			M2
Chlorobenzene	2250	100	ug/kg	2500	ND	90	70-140			
Chloroethane	1640	250	ug/kg	2500	ND	66	30-170			
Chloroform	1990	100	ug/kg	2500	ND	80	60-140			
Chloromethane	1430	250	ug/kg	2500	ND	57	30-160			
2-Chlorotoluene	2040	250	ug/kg	2500	ND	82	60-140			
4-Chlorotoluene	2200	250	ug/kg	2500	ND	88	70-135			
Dibromochloromethane	2080	100	ug/kg	2500	ND	83	60-150			
1,2-Dibromo-3-chloropropane	2630	250	ug/kg	2500	ND	105	40-150			
1,2-Dibromoethane (EDB)	2180	100	ug/kg	2500	ND	87	65-140			
Dibromomethane	2080	100	ug/kg	2500	ND	83	65-140			
1,2-Dichlorobenzene	1900	100	ug/kg	2500	ND	76	70-130			
1,3-Dichlorobenzene	2020	100	ug/kg	2500	ND	81	60-155			
1,4-Dichlorobenzene	2070	100	ug/kg	2500	ND	83	55-150			
Dichlorodifluoromethane	1140	250	ug/kg	2500	ND	46	10-160			
1,1-Dichloroethane	1980	100	ug/kg	2500	ND	79	60-155			
1,2-Dichloroethane	1930	100	ug/kg	2500	ND	77	55-150			
1,1-Dichloroethene	2020	250	ug/kg	2500	ND	81	60-165			
cis-1,2-Dichloroethene	1960	100	ug/kg	2500	ND	78	60-135			
trans-1,2-Dichloroethene	1940	100	ug/kg	2500	ND	78	50-155			
1,2-Dichloropropane	2130	100	ug/kg	2500	ND	85	65-135			
1,3-Dichloropropane	1810	100	ug/kg	2500	ND	72	65-135			
2,2-Dichloropropane	1500	100	ug/kg	2500	ND	60	60-150			
1,1-Dichloropropene	2000	100	ug/kg	2500	ND	80	60-140			
cis-1,3-Dichloropropene	2080	100	ug/kg	2500	ND	83	60-135			
trans-1,3-Dichloropropene	1920	100	ug/kg	2500	ND	77	55-155			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>Matrix Spike Analyzed: 05/09/04 (4E09008-MS1)</b>					<b>Source: INE0208-05</b>					
Ethylbenzene	2810	100	ug/kg	2500	1300	60	60-140			
Hexachlorobutadiene	1920	250	ug/kg	2500	ND	77	65-145			
Isopropylbenzene	3110	100	ug/kg	2500	1900	48	60-140			M2
p-Isopropyltoluene	2050	100	ug/kg	2500	270	71	60-145			
Methylene chloride	2140	1000	ug/kg	2500	ND	86	50-155			
Naphthalene	3020	250	ug/kg	2500	1600	57	30-165			
n-Propylbenzene	6010	100	ug/kg	2500	7300	-52	60-145			M2
Styrene	2280	100	ug/kg	2500	ND	91	60-145			
1,1,1,2-Tetrachloroethane	2110	250	ug/kg	2500	ND	84	65-145			
1,1,2,2-Tetrachloroethane	2270	100	ug/kg	2500	ND	91	60-150			
Tetrachloroethene	2050	100	ug/kg	2500	ND	82	65-145			
Toluene	2060	100	ug/kg	2500	ND	82	60-145			
1,2,3-Trichlorobenzene	2040	250	ug/kg	2500	ND	82	45-145			
1,2,4-Trichlorobenzene	2070	250	ug/kg	2500	ND	83	60-140			
1,1,1-Trichloroethane	1880	100	ug/kg	2500	ND	75	65-140			
1,1,2-Trichloroethane	2440	100	ug/kg	2500	ND	98	60-140			
Trichloroethene	2030	100	ug/kg	2500	ND	81	70-150			
Trichlorofluoromethane	1580	250	ug/kg	2500	ND	63	35-165			
1,2,3-Trichloropropane	1960	500	ug/kg	2500	ND	78	50-150			
1,2,4-Trimethylbenzene	8940	100	ug/kg	2500	13000	-162	70-135			M-HA
1,3,5-Trimethylbenzene	2440	100	ug/kg	2500	740	68	70-135			M2
Vinyl chloride	500	250	ug/kg	2500	ND	20	10-120			
o-Xylene	2080	100	ug/kg	2500	ND	83	60-145			
m,p-Xylenes	4240	100	ug/kg	5000	ND	85	60-140			
Surrogate: Dibromofluoromethane	2240		ug/kg	2500		90	50-160			
Surrogate: Toluene-d8	2470		ug/kg	2500		99	60-160			
Surrogate: 4-Bromofluorobenzene	2660		ug/kg	2500		106	60-150			

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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09008-MSD1)</b>					<b>Source: INE0208-05</b>					
Benzene	1590	100	ug/kg	2500	ND	64	60-140	1	25	
Bromobenzene	2020	250	ug/kg	2500	ND	81	65-130	1	25	
Bromochloromethane	2120	250	ug/kg	2500	ND	85	60-145	2	25	
Bromodichloromethane	2010	100	ug/kg	2500	ND	80	65-150	1	25	
Bromoform	2400	250	ug/kg	2500	ND	96	55-150	20	30	
Bromomethane	1210	250	ug/kg	2500	ND	48	30-160	25	30	
n-Butylbenzene	3990	250	ug/kg	2500	ND	160	60-150	12	25	M1
sec-Butylbenzene	3190	250	ug/kg	2500	1700	60	65-145	5	25	M2
tert-Butylbenzene	2110	250	ug/kg	2500	61	82	60-150	1	20	
Carbon tetrachloride	1700	250	ug/kg	2500	ND	68	70-140	2	20	M2
Chlorobenzene	2340	100	ug/kg	2500	ND	94	70-140	4	25	
Chloroethane	1390	250	ug/kg	2500	ND	56	30-170	17	35	
Chloroform	1950	100	ug/kg	2500	ND	78	60-140	2	25	
Chloromethane	1460	250	ug/kg	2500	ND	58	30-160	2	30	
2-Chlorotoluene	2020	250	ug/kg	2500	ND	81	60-140	1	25	
4-Chlorotoluene	2230	250	ug/kg	2500	ND	89	70-135	1	20	
Dibromochloromethane	2300	100	ug/kg	2500	ND	92	60-150	10	25	
1,2-Dibromo-3-chloropropane	3230	250	ug/kg	2500	ND	129	40-150	20	30	
1,2-Dibromoethane (EDB)	2470	100	ug/kg	2500	ND	99	65-140	12	25	
Dibromomethane	2220	100	ug/kg	2500	ND	89	65-140	7	20	
1,2-Dichlorobenzene	1830	100	ug/kg	2500	ND	73	70-130	4	20	
1,3-Dichlorobenzene	2000	100	ug/kg	2500	ND	80	60-155	1	25	
1,4-Dichlorobenzene	2020	100	ug/kg	2500	ND	81	55-150	2	25	
Dichlorodifluoromethane	1120	250	ug/kg	2500	ND	45	10-160	2	35	
1,1-Dichloroethane	1950	100	ug/kg	2500	ND	78	60-155	2	25	
1,2-Dichloroethane	2010	100	ug/kg	2500	ND	80	55-150	4	30	
1,1-Dichloroethene	2050	250	ug/kg	2500	ND	82	60-165	1	25	
cis-1,2-Dichloroethene	1940	100	ug/kg	2500	ND	78	60-135	1	25	
trans-1,2-Dichloroethene	1930	100	ug/kg	2500	ND	77	50-155	1	25	
1,2-Dichloropropane	2130	100	ug/kg	2500	ND	85	65-135	0	20	
1,3-Dichloropropane	1960	100	ug/kg	2500	ND	78	65-135	8	20	
2,2-Dichloropropane	1400	100	ug/kg	2500	ND	56	60-150	7	20	M2
1,1-Dichloropropene	2010	100	ug/kg	2500	ND	80	60-140	1	20	
cis-1,3-Dichloropropene	2110	100	ug/kg	2500	ND	84	60-135	1	25	
trans-1,3-Dichloropropene	2050	100	ug/kg	2500	ND	82	55-155	7	25	

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E09008 Extracted: 05/09/04</b>										
<b>Matrix Spike Dup Analyzed: 05/09/04 (4E09008-MSD1)</b>					<b>Source: INE0208-05</b>					
Ethylbenzene	3200	100	ug/kg	2500	1300	76	60-140	13	25	
Hexachlorobutadiene	1870	250	ug/kg	2500	ND	75	65-145	3	25	
Isopropylbenzene	3520	100	ug/kg	2500	1900	65	60-140	12	25	
p-Isopropyltoluene	2080	100	ug/kg	2500	270	72	60-145	1	25	
Methylene chloride	2140	1000	ug/kg	2500	ND	86	50-155	0	25	
Naphthalene	4030	250	ug/kg	2500	1600	97	30-165	29	30	
n-Propylbenzene	7640	100	ug/kg	2500	7300	14	60-145	24	25	M2
Styrene	2400	100	ug/kg	2500	ND	96	60-145	5	20	
1,1,1,2-Tetrachloroethane	2200	250	ug/kg	2500	ND	88	65-145	4	20	
1,1,2,2-Tetrachloroethane	541	100	ug/kg	2500	ND	22	60-150	123	20	R-3, M2
Tetrachloroethene	2120	100	ug/kg	2500	ND	85	65-145	3	25	
Toluene	2100	100	ug/kg	2500	ND	84	60-145	2	25	
1,2,3-Trichlorobenzene	2200	250	ug/kg	2500	ND	88	45-145	8	30	
1,2,4-Trichlorobenzene	2100	250	ug/kg	2500	ND	84	60-140	1	25	
1,1,1-Trichloroethane	1850	100	ug/kg	2500	ND	74	65-140	2	25	
1,1,2-Trichloroethane	2650	100	ug/kg	2500	ND	106	60-140	8	20	
Trichloroethene	2060	100	ug/kg	2500	ND	82	70-150	1	25	
Trichlorofluoromethane	1640	250	ug/kg	2500	ND	66	35-165	4	30	
1,2,3-Trichloropropane	2360	500	ug/kg	2500	ND	94	50-150	19	20	
1,2,4-Trimethylbenzene	11500	100	ug/kg	2500	13000	-60	70-135	25	20	M-HA, R-3
1,3,5-Trimethylbenzene	2580	100	ug/kg	2500	740	74	70-135	6	25	
Vinyl chloride	405	250	ug/kg	2500	ND	16	10-120	21	35	
o-Xylene	2130	100	ug/kg	2500	ND	85	60-145	2	25	
m,p-Xylenes	4340	100	ug/kg	5000	ND	87	60-140	2	25	
Surrogate: Dibromofluoromethane	2140		ug/kg	2500		86	50-160			
Surrogate: Toluene-d8	2400		ug/kg	2500		96	60-160			
Surrogate: 4-Bromofluorobenzene	2580		ug/kg	2500		103	60-150			

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Blank Analyzed: 05/10/04 (4E10022-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



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 Report Number: INE0228

Sampled: 05/05/04  
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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Blank Analyzed: 05/10/04 (4E10022-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	52.8		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	54.4		ug/kg	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	51.8		ug/kg	50.0		104	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>LCS Analyzed: 05/10/04 (4E10022-BS1)</b>										
Benzene	55.8	2.0	ug/kg	50.0		112	70-120			
Bromobenzene	54.4	5.0	ug/kg	50.0		109	80-120			
Bromochloromethane	56.8	5.0	ug/kg	50.0		114	65-135			
Bromodichloromethane	59.2	2.0	ug/kg	50.0		118	70-140			
Bromoform	50.4	5.0	ug/kg	50.0		101	60-140			
Bromomethane	59.6	5.0	ug/kg	50.0		119	60-140			
n-Butylbenzene	56.5	5.0	ug/kg	50.0		113	75-130			
sec-Butylbenzene	54.7	5.0	ug/kg	50.0		109	75-125			
tert-Butylbenzene	54.0	5.0	ug/kg	50.0		108	80-125			
Carbon tetrachloride	58.5	5.0	ug/kg	50.0		117	70-140			
Chlorobenzene	54.9	2.0	ug/kg	50.0		110	80-125			
Chloroethane	57.8	5.0	ug/kg	50.0		116	55-145			
Chloroform	55.8	2.0	ug/kg	50.0		112	75-120			
Chloromethane	51.9	5.0	ug/kg	50.0		104	35-145			
2-Chlorotoluene	54.1	5.0	ug/kg	50.0		108	75-125			
4-Chlorotoluene	55.0	5.0	ug/kg	50.0		110	80-125			
Dibromochloromethane	55.7	2.0	ug/kg	50.0		111	65-145			
1,2-Dibromo-3-chloropropane	40.9	5.0	ug/kg	50.0		82	50-150			
1,2-Dibromoethane (EDB)	55.0	2.0	ug/kg	50.0		110	70-130			
Dibromomethane	55.5	2.0	ug/kg	50.0		111	70-130			
1,2-Dichlorobenzene	54.9	2.0	ug/kg	50.0		110	80-125			
1,3-Dichlorobenzene	53.8	2.0	ug/kg	50.0		108	80-120			
1,4-Dichlorobenzene	54.1	2.0	ug/kg	50.0		108	80-120			
Dichlorodifluoromethane	54.4	5.0	ug/kg	50.0		109	10-160			
1,1-Dichloroethane	56.5	2.0	ug/kg	50.0		113	70-135			
1,2-Dichloroethane	55.5	2.0	ug/kg	50.0		111	60-150			
1,1-Dichloroethene	56.6	5.0	ug/kg	50.0		113	75-130			
cis-1,2-Dichloroethene	53.7	2.0	ug/kg	50.0		107	70-125			
trans-1,2-Dichloroethene	56.3	2.0	ug/kg	50.0		113	70-130			
1,2-Dichloropropane	55.3	2.0	ug/kg	50.0		111	70-120			
1,3-Dichloropropane	55.3	2.0	ug/kg	50.0		111	70-130			
2,2-Dichloropropane	57.3	2.0	ug/kg	50.0		115	70-150			
1,1-Dichloropropene	55.5	2.0	ug/kg	50.0		111	75-130			
cis-1,3-Dichloropropene	56.2	2.0	ug/kg	50.0		112	75-130			
trans-1,3-Dichloropropene	57.2	2.0	ug/kg	50.0		114	70-135			

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 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>LCS Analyzed: 05/10/04 (4E10022-BS1)</b>										
Ethylbenzene	56.5	2.0	ug/kg	50.0		113	75-125			
Hexachlorobutadiene	53.1	5.0	ug/kg	50.0		106	75-140			
Isopropylbenzene	55.8	2.0	ug/kg	50.0		112	75-125			
p-Isopropyltoluene	53.9	2.0	ug/kg	50.0		108	75-125			
Methylene chloride	59.0	20	ug/kg	50.0		118	60-135			
Naphthalene	51.9	5.0	ug/kg	50.0		104	50-145			
n-Propylbenzene	56.8	2.0	ug/kg	50.0		114	75-130			
Styrene	59.0	2.0	ug/kg	50.0		118	80-135			
1,1,1,2-Tetrachloroethane	57.2	5.0	ug/kg	50.0		114	70-145			
1,1,1,2,2-Tetrachloroethane	52.0	2.0	ug/kg	50.0		104	55-145			
Tetrachloroethene	55.1	2.0	ug/kg	50.0		110	80-125			
Toluene	55.6	2.0	ug/kg	50.0		111	75-120			
1,2,3-Trichlorobenzene	54.2	5.0	ug/kg	50.0		108	65-135			
1,2,4-Trichlorobenzene	55.8	5.0	ug/kg	50.0		112	70-140			
1,1,1-Trichloroethane	57.9	2.0	ug/kg	50.0		116	75-140			
1,1,2-Trichloroethane	54.5	2.0	ug/kg	50.0		109	65-130			
Trichloroethene	55.7	2.0	ug/kg	50.0		111	75-125			
Trichlorofluoromethane	57.3	5.0	ug/kg	50.0		115	50-145			
1,2,3-Trichloropropane	49.7	10	ug/kg	50.0		99	55-140			
1,2,4-Trimethylbenzene	54.7	2.0	ug/kg	50.0		109	75-125			
1,3,5-Trimethylbenzene	56.1	2.0	ug/kg	50.0		112	80-125			
Vinyl chloride	52.5	5.0	ug/kg	50.0		105	45-130			
o-Xylene	54.6	2.0	ug/kg	50.0		109	75-125			
m,p-Xylenes	111	2.0	ug/kg	100		111	75-125			
Surrogate: Dibromofluoromethane	55.6		ug/kg	50.0		111	80-125			
Surrogate: Toluene-d8	53.8		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.6		ug/kg	50.0		107	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Matrix Spike Analyzed: 05/10/04 (4E10022-MS1)</b>					<b>Source: INE0440-01</b>					
Benzene	45.7	2.0	ug/kg	50.0	0.52	90	65-130			
Bromobenzene	46.0	5.0	ug/kg	50.0	ND	92	70-130			
Bromochloromethane	46.0	5.0	ug/kg	50.0	ND	92	60-145			
Bromodichloromethane	48.0	2.0	ug/kg	50.0	ND	96	70-145			
Bromoform	43.2	5.0	ug/kg	50.0	ND	86	60-145			
Bromomethane	45.4	5.0	ug/kg	50.0	ND	91	50-150			
n-Butylbenzene	45.2	5.0	ug/kg	50.0	ND	90	60-140			
sec-Butylbenzene	44.6	5.0	ug/kg	50.0	ND	89	65-135			
tert-Butylbenzene	44.0	5.0	ug/kg	50.0	ND	88	70-130			
Carbon tetrachloride	45.3	5.0	ug/kg	50.0	ND	91	70-140			
Chlorobenzene	45.4	2.0	ug/kg	50.0	ND	91	80-130			
Chloroethane	43.6	5.0	ug/kg	50.0	ND	87	50-150			
Chloroform	44.3	2.0	ug/kg	50.0	ND	89	70-130			
Chloromethane	39.4	5.0	ug/kg	50.0	ND	79	30-150			
2-Chlorotoluene	44.7	5.0	ug/kg	50.0	ND	89	70-130			
4-Chlorotoluene	45.7	5.0	ug/kg	50.0	ND	91	65-135			
Dibromochloromethane	47.8	2.0	ug/kg	50.0	ND	96	65-145			
1,2-Dibromo-3-chloropropane	36.4	5.0	ug/kg	50.0	ND	73	50-150			
1,2-Dibromoethane (EDB)	48.5	2.0	ug/kg	50.0	ND	97	65-135			
Dibromomethane	46.9	2.0	ug/kg	50.0	ND	94	65-135			
1,2-Dichlorobenzene	45.9	2.0	ug/kg	50.0	ND	92	75-130			
1,3-Dichlorobenzene	44.3	2.0	ug/kg	50.0	ND	89	70-125			
1,4-Dichlorobenzene	44.9	2.0	ug/kg	50.0	ND	90	75-130			
Dichlorodifluoromethane	38.7	5.0	ug/kg	50.0	ND	77	10-200			
1,1-Dichloroethane	44.9	2.0	ug/kg	50.0	ND	90	70-135			
1,2-Dichloroethane	46.6	2.0	ug/kg	50.0	ND	93	60-150			
1,1-Dichloroethene	45.1	5.0	ug/kg	50.0	ND	90	75-140			
cis-1,2-Dichloroethene	42.8	2.0	ug/kg	50.0	ND	86	60-135			
trans-1,2-Dichloroethene	44.5	2.0	ug/kg	50.0	ND	89	65-135			
1,2-Dichloropropane	44.9	2.0	ug/kg	50.0	ND	90	65-125			
1,3-Dichloropropane	47.8	2.0	ug/kg	50.0	ND	96	65-135			
2,2-Dichloropropane	44.8	2.0	ug/kg	50.0	ND	90	60-150			
1,1-Dichloropropene	43.3	2.0	ug/kg	50.0	ND	87	60-140			
cis-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0	ND	91	65-135			
trans-1,3-Dichloropropene	47.7	2.0	ug/kg	50.0	ND	95	65-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Matrix Spike Analyzed: 05/10/04 (4E10022-MS1)</b>					<b>Source: INE0440-01</b>					
Ethylbenzene	50.6	2.0	ug/kg	50.0	1.3	99	70-130			
Hexachlorobutadiene	41.6	5.0	ug/kg	50.0	ND	83	65-145			
Isopropylbenzene	46.1	2.0	ug/kg	50.0	ND	92	60-135			
p-Isopropyltoluene	43.3	2.0	ug/kg	50.0	ND	87	60-135			
Methylene chloride	47.9	20	ug/kg	50.0	ND	96	60-145			
Naphthalene	45.6	5.0	ug/kg	50.0	ND	91	40-160			
n-Propylbenzene	47.2	2.0	ug/kg	50.0	ND	94	60-140			
Styrene	48.7	2.0	ug/kg	50.0	ND	97	70-145			
1,1,1,2-Tetrachloroethane	47.5	5.0	ug/kg	50.0	ND	95	65-145			
1,1,2,2-Tetrachloroethane	46.1	2.0	ug/kg	50.0	ND	92	55-150			
Tetrachloroethene	43.8	2.0	ug/kg	50.0	ND	88	70-130			
Toluene	44.6	2.0	ug/kg	50.0	ND	89	70-125			
1,2,3-Trichlorobenzene	45.8	5.0	ug/kg	50.0	ND	92	60-135			
1,2,4-Trichlorobenzene	46.0	5.0	ug/kg	50.0	ND	92	65-140			
1,1,1-Trichloroethane	45.5	2.0	ug/kg	50.0	ND	91	65-140			
1,1,2-Trichloroethane	46.8	2.0	ug/kg	50.0	ND	94	60-140			
Trichloroethene	44.0	2.0	ug/kg	50.0	ND	88	70-140			
Trichlorofluoromethane	43.3	5.0	ug/kg	50.0	ND	87	40-160			
1,2,3-Trichloropropane	44.7	10	ug/kg	50.0	ND	89	55-140			
1,2,4-Trimethylbenzene	52.5	2.0	ug/kg	50.0	2.4	100	65-130			
1,3,5-Trimethylbenzene	47.3	2.0	ug/kg	50.0	ND	95	70-130			
Vinyl chloride	39.2	5.0	ug/kg	50.0	ND	78	45-130			
o-Xylene	44.5	2.0	ug/kg	50.0	ND	89	70-125			
m,p-Xylenes	96.8	2.0	ug/kg	100	1.7	95	70-125			
Surrogate: Dibromofluoromethane	53.2		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	53.9		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.5		ug/kg	50.0		107	80-120			

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Matrix Spike Dup Analyzed: 05/10/04 (4E10022-MSD1)</b>					<b>Source: INE0440-01</b>					
Benzene	48.1	2.0	ug/kg	50.0	0.52	95	65-130	5	20	
Bromobenzene	48.0	5.0	ug/kg	50.0	ND	96	70-130	4	20	
Bromochloromethane	46.8	5.0	ug/kg	50.0	ND	94	60-145	2	25	
Bromodichloromethane	49.7	2.0	ug/kg	50.0	ND	99	70-145	3	20	
Bromoform	44.3	5.0	ug/kg	50.0	ND	89	60-145	3	25	
Bromomethane	48.7	5.0	ug/kg	50.0	ND	97	50-150	7	25	
n-Butylbenzene	49.7	5.0	ug/kg	50.0	ND	99	60-140	9	25	
sec-Butylbenzene	48.4	5.0	ug/kg	50.0	ND	97	65-135	8	20	
tert-Butylbenzene	47.5	5.0	ug/kg	50.0	ND	95	70-130	8	20	
Carbon tetrachloride	49.6	5.0	ug/kg	50.0	ND	99	70-140	9	20	
Chlorobenzene	47.0	2.0	ug/kg	50.0	ND	94	80-130	3	20	
Chloroethane	47.4	5.0	ug/kg	50.0	ND	95	50-150	8	30	
Chloroform	46.4	2.0	ug/kg	50.0	ND	93	70-130	5	20	
Chloromethane	42.7	5.0	ug/kg	50.0	ND	85	30-150	8	30	
2-Chlorotoluene	47.6	5.0	ug/kg	50.0	ND	95	70-130	6	20	
4-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	65-135	6	20	
Dibromochloromethane	48.4	2.0	ug/kg	50.0	ND	97	65-145	1	25	
1,2-Dibromo-3-chloropropane	38.0	5.0	ug/kg	50.0	ND	76	50-150	4	30	
1,2-Dibromoethane (EDB)	48.7	2.0	ug/kg	50.0	ND	97	65-135	0	20	
Dibromomethane	47.9	2.0	ug/kg	50.0	ND	96	65-135	2	20	
1,2-Dichlorobenzene	47.5	2.0	ug/kg	50.0	ND	95	75-130	3	20	
1,3-Dichlorobenzene	46.9	2.0	ug/kg	50.0	ND	94	70-125	6	20	
1,4-Dichlorobenzene	47.6	2.0	ug/kg	50.0	ND	95	75-130	6	20	
Dichlorodifluoromethane	40.9	5.0	ug/kg	50.0	ND	82	10-200	6	35	
1,1-Dichloroethane	47.9	2.0	ug/kg	50.0	ND	96	70-135	6	20	
1,2-Dichloroethane	47.4	2.0	ug/kg	50.0	ND	95	60-150	2	25	
1,1-Dichloroethene	49.6	5.0	ug/kg	50.0	ND	99	75-140	10	20	
cis-1,2-Dichloroethene	45.3	2.0	ug/kg	50.0	ND	91	60-135	6	20	
trans-1,2-Dichloroethene	48.0	2.0	ug/kg	50.0	ND	96	65-135	8	20	
1,2-Dichloropropane	46.5	2.0	ug/kg	50.0	ND	93	65-125	4	20	
1,3-Dichloropropane	48.4	2.0	ug/kg	50.0	ND	97	65-135	1	20	
2,2-Dichloropropane	48.6	2.0	ug/kg	50.0	ND	97	60-150	8	20	
1,1-Dichloropropene	47.5	2.0	ug/kg	50.0	ND	95	60-140	9	20	
cis-1,3-Dichloropropene	47.3	2.0	ug/kg	50.0	ND	95	65-135	3	20	
trans-1,3-Dichloropropene	49.4	2.0	ug/kg	50.0	ND	99	65-140	4	20	

**Del Mar Analytical, Irvine**  
 Amanda Cordova  
 Project Manager





Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
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Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E10022 Extracted: 05/10/04</b>										
<b>Matrix Spike Dup Analyzed: 05/10/04 (4E10022-MSD1)</b>					<b>Source: INE0440-01</b>					
Ethylbenzene	50.6	2.0	ug/kg	50.0	1.3	99	70-130	0	20	
Hexachlorobutadiene	46.2	5.0	ug/kg	50.0	ND	92	65-145	10	20	
Isopropylbenzene	48.8	2.0	ug/kg	50.0	ND	98	60-135	6	25	
p-Isopropyltoluene	46.8	2.0	ug/kg	50.0	ND	94	60-135	8	20	
Methylene chloride	53.0	20	ug/kg	50.0	ND	106	60-145	10	25	
Naphthalene	47.1	5.0	ug/kg	50.0	ND	94	40-160	3	25	
n-Propylbenzene	50.3	2.0	ug/kg	50.0	ND	101	60-140	6	25	
Styrene	50.7	2.0	ug/kg	50.0	ND	101	70-145	4	20	
1,1,1,2-Tetrachloroethane	49.0	5.0	ug/kg	50.0	ND	98	65-145	3	20	
1,1,2,2-Tetrachloroethane	48.6	2.0	ug/kg	50.0	ND	97	55-150	5	25	
Tetrachloroethene	47.3	2.0	ug/kg	50.0	ND	95	70-130	8	20	
Toluene	47.8	2.0	ug/kg	50.0	ND	96	70-125	7	20	
1,2,3-Trichlorobenzene	47.7	5.0	ug/kg	50.0	ND	95	60-135	4	20	
1,2,4-Trichlorobenzene	49.1	5.0	ug/kg	50.0	ND	98	65-140	7	25	
1,1,1-Trichloroethane	49.2	2.0	ug/kg	50.0	ND	98	65-140	8	20	
1,1,2-Trichloroethane	47.7	2.0	ug/kg	50.0	ND	95	60-140	2	20	
Trichloroethene	46.9	2.0	ug/kg	50.0	ND	94	70-140	6	20	
Trichlorofluoromethane	47.8	5.0	ug/kg	50.0	ND	96	40-160	10	30	
1,2,3-Trichloropropane	45.8	10	ug/kg	50.0	ND	92	55-140	2	25	
1,2,4-Trimethylbenzene	51.1	2.0	ug/kg	50.0	2.4	97	65-130	3	20	
1,3,5-Trimethylbenzene	49.7	2.0	ug/kg	50.0	ND	99	70-130	5	20	
Vinyl chloride	43.0	5.0	ug/kg	50.0	ND	86	45-130	9	30	
o-Xylene	47.1	2.0	ug/kg	50.0	ND	94	70-125	6	20	
m,p-Xylenes	98.6	2.0	ug/kg	100	1.7	97	70-125	2	20	
Surrogate: Dibromofluoromethane	53.6		ug/kg	50.0		107	80-125			
Surrogate: Toluene-d8	54.0		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	52.4		ug/kg	50.0		105	80-120			

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Sampled: 05/05/04  
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Blank Analyzed: 05/12/04 (4E12027-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine  
Amanda Cordova  
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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Blank Analyzed: 05/12/04 (4E12027-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	51.1		ug/kg	50.0		102	80-125			
Surrogate: Toluene-d8	53.3		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	49.6		ug/kg	50.0		99	80-120			

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### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>LCS Analyzed: 05/12/04 (4E12027-BS1)</b>										
Benzene	47.0	2.0	ug/kg	50.0		94	70-120			
Bromobenzene	49.6	5.0	ug/kg	50.0		99	80-120			
Bromochloromethane	49.4	5.0	ug/kg	50.0		99	65-135			
Bromodichloromethane	51.3	2.0	ug/kg	50.0		103	70-140			
Bromoform	49.6	5.0	ug/kg	50.0		99	60-140			
Bromomethane	48.2	5.0	ug/kg	50.0		96	60-140			
n-Butylbenzene	49.3	5.0	ug/kg	50.0		99	75-130			
sec-Butylbenzene	47.9	5.0	ug/kg	50.0		96	75-125			
tert-Butylbenzene	51.0	5.0	ug/kg	50.0		102	80-125			
Carbon tetrachloride	51.4	5.0	ug/kg	50.0		103	70-140			
Chlorobenzene	48.3	2.0	ug/kg	50.0		97	80-125			
Chloroethane	45.1	5.0	ug/kg	50.0		90	55-145			
Chloroform	47.0	2.0	ug/kg	50.0		94	75-120			
Chloromethane	40.8	5.0	ug/kg	50.0		82	35-145			
2-Chlorotoluene	48.5	5.0	ug/kg	50.0		97	75-125			
4-Chlorotoluene	49.1	5.0	ug/kg	50.0		98	80-125			
Dibromochloromethane	49.3	2.0	ug/kg	50.0		99	65-145			
1,2-Dibromo-3-chloropropane	57.9	5.0	ug/kg	50.0		116	50-150			
1,2-Dibromoethane (EDB)	51.5	2.0	ug/kg	50.0		103	70-130			
Dibromomethane	50.5	2.0	ug/kg	50.0		101	70-130			
1,2-Dichlorobenzene	50.0	2.0	ug/kg	50.0		100	80-125			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	48.6	2.0	ug/kg	50.0		97	80-120			
Dichlorodifluoromethane	40.0	5.0	ug/kg	50.0		80	10-160			
1,1-Dichloroethane	46.7	2.0	ug/kg	50.0		93	70-135			
1,2-Dichloroethane	51.3	2.0	ug/kg	50.0		103	60-150			
1,1-Dichloroethene	45.2	5.0	ug/kg	50.0		90	75-130			
cis-1,2-Dichloroethene	45.6	2.0	ug/kg	50.0		91	70-125			
trans-1,2-Dichloroethene	46.0	2.0	ug/kg	50.0		92	70-130			
1,2-Dichloropropane	47.4	2.0	ug/kg	50.0		95	70-120			
1,3-Dichloropropane	48.8	2.0	ug/kg	50.0		98	70-130			
2,2-Dichloropropane	62.6	2.0	ug/kg	50.0		125	70-150			
1,1-Dichloropropene	48.0	2.0	ug/kg	50.0		96	75-130			
cis-1,3-Dichloropropene	50.6	2.0	ug/kg	50.0		101	75-130			
trans-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0		107	70-135			

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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

### METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>LCS Analyzed: 05/12/04 (4E12027-BS1)</b>										
Ethylbenzene	48.4	2.0	ug/kg	50.0		97	75-125			
Hexachlorobutadiene	48.1	5.0	ug/kg	50.0		96	75-140			
Isopropylbenzene	51.2	2.0	ug/kg	50.0		102	75-125			
p-Isopropyltoluene	47.6	2.0	ug/kg	50.0		95	75-125			
Methylene chloride	44.5	20	ug/kg	50.0		89	60-135			
Naphthalene	52.8	5.0	ug/kg	50.0		106	50-145			
n-Propylbenzene	49.3	2.0	ug/kg	50.0		99	75-130			
Styrene	52.9	2.0	ug/kg	50.0		106	80-135			
1,1,1,2-Tetrachloroethane	50.6	5.0	ug/kg	50.0		101	70-145			
1,1,2,2-Tetrachloroethane	59.3	2.0	ug/kg	50.0		119	55-145			
Tetrachloroethene	48.9	2.0	ug/kg	50.0		98	80-125			
Toluene	46.3	2.0	ug/kg	50.0		93	75-120			
1,2,3-Trichlorobenzene	49.9	5.0	ug/kg	50.0		100	65-135			
1,2,4-Trichlorobenzene	52.5	5.0	ug/kg	50.0		105	70-140			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	47.5	2.0	ug/kg	50.0		95	65-130			
Trichloroethene	45.9	2.0	ug/kg	50.0		92	75-125			
Trichlorofluoromethane	49.5	5.0	ug/kg	50.0		99	50-145			
1,2,3-Trichloropropane	51.6	10	ug/kg	50.0		103	55-140			
1,2,4-Trimethylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
1,3,5-Trimethylbenzene	50.7	2.0	ug/kg	50.0		101	80-125			
Vinyl chloride	39.1	5.0	ug/kg	50.0		78	45-130			
o-Xylene	47.7	2.0	ug/kg	50.0		95	75-125			
m,p-Xylenes	94.5	2.0	ug/kg	100		94	75-125			
Surrogate: Dibromofluoromethane	52.1		ug/kg	50.0		104	80-125			
Surrogate: Toluene-d8	53.9		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	50.0		ug/kg	50.0		100	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Matrix Spike Analyzed: 05/12/04 (4E12027-MS1)</b>					<b>Source: INE0653-01</b>					
Benzene	54.7	2.0	ug/kg	50.0	ND	109	65-130			
Bromobenzene	58.8	5.0	ug/kg	50.0	ND	118	70-130			
Bromochloromethane	51.7	5.0	ug/kg	50.0	ND	103	60-145			
Bromodichloromethane	55.0	2.0	ug/kg	50.0	ND	110	70-145			
Bromoform	46.5	5.0	ug/kg	50.0	ND	93	60-145			
Bromomethane	57.5	5.0	ug/kg	50.0	ND	115	50-150			
n-Butylbenzene	60.0	5.0	ug/kg	50.0	ND	120	60-140			
sec-Butylbenzene	59.6	5.0	ug/kg	50.0	ND	119	65-135			
tert-Butylbenzene	64.2	5.0	ug/kg	50.0	ND	128	70-130			
Carbon tetrachloride	59.9	5.0	ug/kg	50.0	ND	120	70-140			
Chlorobenzene	56.2	2.0	ug/kg	50.0	ND	112	80-130			
Chloroethane	54.5	5.0	ug/kg	50.0	ND	109	50-150			
Chloroform	53.1	2.0	ug/kg	50.0	ND	106	70-130			
Chloromethane	48.1	5.0	ug/kg	50.0	ND	96	30-150			
2-Chlorotoluene	60.9	5.0	ug/kg	50.0	ND	122	70-130			
4-Chlorotoluene	61.5	5.0	ug/kg	50.0	ND	123	65-135			
Dibromochloromethane	50.9	2.0	ug/kg	50.0	ND	102	65-145			
1,2-Dibromo-3-chloropropane	53.2	5.0	ug/kg	50.0	ND	106	50-150			
1,2-Dibromoethane (EDB)	50.1	2.0	ug/kg	50.0	ND	100	65-135			
Dibromomethane	50.3	2.0	ug/kg	50.0	ND	101	65-135			
1,2-Dichlorobenzene	57.3	2.0	ug/kg	50.0	ND	115	75-130			
1,3-Dichlorobenzene	57.9	2.0	ug/kg	50.0	ND	116	70-125			
1,4-Dichlorobenzene	58.3	2.0	ug/kg	50.0	ND	117	75-130			
Dichlorodifluoromethane	47.5	5.0	ug/kg	50.0	ND	95	10-200			
1,1-Dichloroethane	54.3	2.0	ug/kg	50.0	ND	109	70-135			
1,2-Dichloroethane	52.2	2.0	ug/kg	50.0	ND	104	60-150			
1,1-Dichloroethene	51.6	5.0	ug/kg	50.0	ND	103	75-140			
cis-1,2-Dichloroethene	52.5	2.0	ug/kg	50.0	ND	105	60-135			
trans-1,2-Dichloroethene	53.8	2.0	ug/kg	50.0	ND	108	65-135			
1,2-Dichloropropane	52.6	2.0	ug/kg	50.0	ND	105	65-125			
1,3-Dichloropropane	49.1	2.0	ug/kg	50.0	ND	98	65-135			
2,2-Dichloropropane	84.7	2.0	ug/kg	50.0	ND	169	60-150			MI
1,1-Dichloropropene	56.8	2.0	ug/kg	50.0	ND	114	60-140			
cis-1,3-Dichloropropene	54.2	2.0	ug/kg	50.0	ND	108	65-135			
trans-1,3-Dichloropropene	53.4	2.0	ug/kg	50.0	ND	107	65-140			

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 SB0202-31  
 Report Number: INE0228

 Sampled: 05/05/04  
 Received: 05/05/04

**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Matrix Spike Analyzed: 05/12/04 (4E12027-MS1)</b>					<b>Source: INE0653-01</b>					
Ethylbenzene	57.3	2.0	ug/kg	50.0	ND	115	70-130			
Hexachlorobutadiene	49.2	5.0	ug/kg	50.0	ND	98	65-145			
Isopropylbenzene	65.2	2.0	ug/kg	50.0	ND	130	60-135			
p-Isopropyltoluene	59.3	2.0	ug/kg	50.0	ND	119	60-135			
Methylene chloride	47.3	20	ug/kg	50.0	ND	95	60-145			
Naphthalene	48.9	5.0	ug/kg	50.0	ND	98	40-160			
n-Propylbenzene	62.1	2.0	ug/kg	50.0	ND	124	60-140			
Styrene	60.7	2.0	ug/kg	50.0	ND	121	70-145			
1,1,1,2-Tetrachloroethane	57.1	5.0	ug/kg	50.0	ND	114	65-145			
1,1,2,2-Tetrachloroethane	49.9	2.0	ug/kg	50.0	ND	100	55-150			
Tetrachloroethene	59.6	2.0	ug/kg	50.0	ND	119	70-130			
Toluene	53.7	2.0	ug/kg	50.0	ND	107	70-125			
1,2,3-Trichlorobenzene	49.2	5.0	ug/kg	50.0	ND	98	60-135			
1,2,4-Trichlorobenzene	54.3	5.0	ug/kg	50.0	ND	109	65-140			
1,1,1-Trichloroethane	60.1	2.0	ug/kg	50.0	ND	120	65-140			
1,1,2-Trichloroethane	46.3	2.0	ug/kg	50.0	ND	93	60-140			
Trichloroethene	59.8	2.0	ug/kg	50.0	ND	120	70-140			
Trichlorofluoromethane	56.9	5.0	ug/kg	50.0	ND	114	40-160			
1,2,3-Trichloropropane	49.5	10	ug/kg	50.0	ND	99	55-140			
1,2,4-Trimethylbenzene	62.7	2.0	ug/kg	50.0	ND	125	65-130			
1,3,5-Trimethylbenzene	63.6	2.0	ug/kg	50.0	ND	127	70-130			
Vinyl chloride	49.4	5.0	ug/kg	50.0	ND	99	45-130			
o-Xylene	55.9	2.0	ug/kg	50.0	ND	112	70-125			
m,p-Xylenes	112	2.0	ug/kg	100	ND	112	70-125			
Surrogate: Dibromofluoromethane	47.8		ug/kg	50.0		96	80-125			
Surrogate: Toluene-d8	53.6		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	47.8		ug/kg	50.0		96	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Matrix Spike Dup Analyzed: 05/12/04 (4E12027-MSD1)</b>					<b>Source: INE0653-01</b>					
Benzene	53.4	2.0	ug/kg	50.0	ND	107	65-130	2	20	
Bromobenzene	57.8	5.0	ug/kg	50.0	ND	116	70-130	2	20	
Bromochloromethane	57.0	5.0	ug/kg	50.0	ND	114	60-145	10	25	
Bromodichloromethane	57.2	2.0	ug/kg	50.0	ND	114	70-145	4	20	
Bromoform	59.0	5.0	ug/kg	50.0	ND	118	60-145	24	25	
Bromomethane	54.5	5.0	ug/kg	50.0	ND	109	50-150	5	25	
n-Butylbenzene	54.4	5.0	ug/kg	50.0	ND	109	60-140	10	25	
sec-Butylbenzene	54.3	5.0	ug/kg	50.0	ND	109	65-135	9	20	
tert-Butylbenzene	59.1	5.0	ug/kg	50.0	ND	118	70-130	8	20	
Carbon tetrachloride	57.8	5.0	ug/kg	50.0	ND	116	70-140	4	20	
Chlorobenzene	55.4	2.0	ug/kg	50.0	ND	111	80-130	1	20	
Chloroethane	51.3	5.0	ug/kg	50.0	ND	103	50-150	6	30	
Chloroform	53.4	2.0	ug/kg	50.0	ND	107	70-130	1	20	
Chloromethane	46.8	5.0	ug/kg	50.0	ND	94	30-150	3	30	
2-Chlorotoluene	56.8	5.0	ug/kg	50.0	ND	114	70-130	7	20	
4-Chlorotoluene	57.4	5.0	ug/kg	50.0	ND	115	65-135	7	20	
Dibromochloromethane	57.1	2.0	ug/kg	50.0	ND	114	65-145	11	25	
1,2-Dibromo-3-chloropropane	74.0	5.0	ug/kg	50.0	ND	148	50-150	33	30	R
1,2-Dibromoethane (EDB)	59.7	2.0	ug/kg	50.0	ND	119	65-135	17	20	
Dibromomethane	57.4	2.0	ug/kg	50.0	ND	115	65-135	13	20	
1,2-Dichlorobenzene	57.2	2.0	ug/kg	50.0	ND	114	75-130	0	20	
1,3-Dichlorobenzene	55.2	2.0	ug/kg	50.0	ND	110	70-125	5	20	
1,4-Dichlorobenzene	56.1	2.0	ug/kg	50.0	ND	112	75-130	4	20	
Dichlorodifluoromethane	44.8	5.0	ug/kg	50.0	ND	90	10-200	6	35	
1,1-Dichloroethane	53.4	2.0	ug/kg	50.0	ND	107	70-135	2	20	
1,2-Dichloroethane	57.6	2.0	ug/kg	50.0	ND	115	60-150	10	25	
1,1-Dichloroethene	51.9	5.0	ug/kg	50.0	ND	104	75-140	1	20	
cis-1,2-Dichloroethene	51.5	2.0	ug/kg	50.0	ND	103	60-135	2	20	
trans-1,2-Dichloroethene	52.8	2.0	ug/kg	50.0	ND	106	65-135	2	20	
1,2-Dichloropropane	53.3	2.0	ug/kg	50.0	ND	107	65-125	1	20	
1,3-Dichloropropane	56.0	2.0	ug/kg	50.0	ND	112	65-135	13	20	
2,2-Dichloropropane	73.3	2.0	ug/kg	50.0	ND	147	60-150	14	20	
1,1-Dichloropropene	54.3	2.0	ug/kg	50.0	ND	109	60-140	5	20	
cis-1,3-Dichloropropene	56.3	2.0	ug/kg	50.0	ND	113	65-135	4	20	
trans-1,3-Dichloropropene	60.6	2.0	ug/kg	50.0	ND	121	65-140	13	20	

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**METHOD BLANK/QC DATA**
**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E12027 Extracted: 05/12/04</b>										
<b>Matrix Spike Dup Analyzed: 05/12/04 (4E12027-MSD1)</b>					<b>Source: INE0653-01</b>					
Ethylbenzene	54.6	2.0	ug/kg	50.0	ND	109	70-130	5	20	
Hexachlorobutadiene	47.2	5.0	ug/kg	50.0	ND	94	65-145	4	20	
Isopropylbenzene	59.7	2.0	ug/kg	50.0	ND	119	60-135	9	25	
p-Isopropyltoluene	53.9	2.0	ug/kg	50.0	ND	108	60-135	10	20	
Methylene chloride	49.4	20	ug/kg	50.0	ND	99	60-145	4	25	
Naphthalene	61.8	5.0	ug/kg	50.0	ND	124	40-160	23	25	
n-Propylbenzene	56.8	2.0	ug/kg	50.0	ND	114	60-140	9	25	
Styrene	59.5	2.0	ug/kg	50.0	ND	119	70-145	2	20	
1,1,1,2-Tetrachloroethane	58.2	5.0	ug/kg	50.0	ND	116	65-145	2	20	
1,1,2,2-Tetrachloroethane	60.5	2.0	ug/kg	50.0	ND	121	55-150	19	25	
Tetrachloroethene	56.1	2.0	ug/kg	50.0	ND	112	70-130	6	20	
Toluene	52.2	2.0	ug/kg	50.0	ND	104	70-125	3	20	
1,2,3-Trichlorobenzene	53.4	5.0	ug/kg	50.0	ND	107	60-135	8	20	
1,2,4-Trichlorobenzene	56.4	5.0	ug/kg	50.0	ND	113	65-140	4	25	
1,1,1-Trichloroethane	57.9	2.0	ug/kg	50.0	ND	116	65-140	4	20	
1,1,2-Trichloroethane	54.6	2.0	ug/kg	50.0	ND	109	60-140	16	20	
Trichloroethene	59.8	2.0	ug/kg	50.0	ND	120	70-140	0	20	
Trichlorofluoromethane	55.7	5.0	ug/kg	50.0	ND	111	40-160	2	30	
1,2,3-Trichloropropane	64.9	10	ug/kg	50.0	ND	130	55-140	27	25	R
1,2,4-Trimethylbenzene	58.3	2.0	ug/kg	50.0	ND	117	65-130	7	20	
1,3,5-Trimethylbenzene	58.8	2.0	ug/kg	50.0	ND	118	70-130	8	20	
Vinyl chloride	45.3	5.0	ug/kg	50.0	ND	91	45-130	9	30	
o-Xylene	53.7	2.0	ug/kg	50.0	ND	107	70-125	4	20	
m,p-Xylenes	108	2.0	ug/kg	100	ND	108	70-125	4	20	
Surrogate: Dibromofluoromethane	49.6		ug/kg	50.0		99	80-125			
Surrogate: Toluene-d8	53.8		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	49.2		ug/kg	50.0		98	80-120			

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**METHOD BLANK/QC DATA**

**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Blank Analyzed: 05/10/04 (4E07038-BLK1)</b>										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
3,3-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Blank Analyzed: 05/10/04 (4E07038-BLK1)</b>										
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	420	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
n-Nitrosodiphenylamine	ND	330	ug/kg							
n-Nitroso-di-n-propylamine	ND	250	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Surrogate: 2-Fluorophenol	4650		ug/kg	6670		70	25-120			
Surrogate: Phenol-d6	5350		ug/kg	6670		80	30-120			

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**METHOD BLANK/QC DATA**
**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Blank Analyzed: 05/10/04 (4E07038-BLK1)</b>										
Surrogate: 2,4,6-Tribromophenol	5820		ug/kg	6670		87	35-120			
Surrogate: Nitrobenzene-d5	2440		ug/kg	3330		73	30-120			
Surrogate: 2-Fluorobiphenyl	2970		ug/kg	3330		89	35-120			
Surrogate: Terphenyl-d14	3100		ug/kg	3330		93	35-155			
<b>LCS Analyzed: 05/12/04 (4E07038-BS1)</b>										
Acenaphthene	2940	330	ug/kg	3330		88	55-120			
Acenaphthylene	2880	330	ug/kg	3330		86	55-120			
Aniline	2140	420	ug/kg	3330		64	30-120			
Anthracene	3090	330	ug/kg	3330		93	55-120			
Benzidine	2000	660	ug/kg	3330		60	10-180			
Benzoic acid	2430	830	ug/kg	3330		73	30-125			
Benzo(a)anthracene	3400	330	ug/kg	3330		102	65-120			
Benzo(b)fluoranthene	3730	330	ug/kg	3330		112	65-120			
Benzo(k)fluoranthene	3230	330	ug/kg	3330		97	60-120			
Benzo(g,h,i)perylene	3740	330	ug/kg	3330		112	25-160			
Benzo(a)pyrene	3640	330	ug/kg	3330		109	60-120			
Benzyl alcohol	2680	330	ug/kg	3330		80	40-130			
Bis(2-chloroethoxy)methane	2800	330	ug/kg	3330		84	50-120			
Bis(2-chloroethyl)ether	2630	170	ug/kg	3330		79	40-120			
Bis(2-chloroisopropyl)ether	2620	330	ug/kg	3330		79	40-120			
Bis(2-ethylhexyl)phthalate	3410	330	ug/kg	3330		102	65-125			
4-Bromophenyl phenyl ether	3090	330	ug/kg	3330		93	50-125			
Butyl benzyl phthalate	3360	330	ug/kg	3330		101	65-120			
4-Chloroaniline	2120	330	ug/kg	3330		64	20-120			
2-Chloronaphthalene	2880	330	ug/kg	3330		86	50-120			
4-Chloro-3-methylphenol	3070	330	ug/kg	3330		92	50-120			
2-Chlorophenol	2620	330	ug/kg	3330		79	45-120			
4-Chlorophenyl phenyl ether	3010	330	ug/kg	3330		90	55-120			
Chrysene	3300	330	ug/kg	3330		99	60-120			
Dibenz(a,h)anthracene	3850	420	ug/kg	3330		116	25-160			
Dibenzofuran	2810	330	ug/kg	3330		84	55-120			
Di-n-butyl phthalate	3230	330	ug/kg	3330		97	60-120			
1,3-Dichlorobenzene	2550	330	ug/kg	3330		77	40-120			
1,4-Dichlorobenzene	2330	330	ug/kg	3330		70	40-120			
1,2-Dichlorobenzene	2520	330	ug/kg	3330		76	40-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>LCS Analyzed: 05/12/04 (4E07038-BS1)</b>										
3,3-Dichlorobenzidine	2720	830	ug/kg	3330		82	20-170			
2,4-Dichlorophenol	2950	330	ug/kg	3330		89	55-120			
Diethyl phthalate	3050	330	ug/kg	3330		92	55-120			
2,4-Dimethylphenol	2600	330	ug/kg	3330		78	45-120			
Dimethyl phthalate	3080	330	ug/kg	3330		92	60-120			
4,6-Dinitro-2-methylphenol	3300	420	ug/kg	3330		99	50-120			
2,4-Dinitrophenol	2830	420	ug/kg	3330		85	25-140			
2,4-Dinitrotoluene	3490	330	ug/kg	3330		105	60-140			
2,6-Dinitrotoluene	3510	330	ug/kg	3330		105	60-125			
Di-n-octyl phthalate	3880	330	ug/kg	3330		117	60-135			
Fluoranthene	3410	330	ug/kg	3330		102	55-130			
Fluorene	2950	330	ug/kg	3330		89	55-120			
Hexachlorobenzene	3120	330	ug/kg	3330		94	45-120			
Hexachlorobutadiene	2730	330	ug/kg	3330		82	40-120			
Hexachlorocyclopentadiene	2710	830	ug/kg	3330		81	45-130			
Hexachloroethane	2530	330	ug/kg	3330		76	40-120			
Indeno(1,2,3-cd)pyrene	3400	330	ug/kg	3330		102	25-150			
Isophorone	2800	330	ug/kg	3330		84	45-120			
2-Methylnaphthalene	2750	330	ug/kg	3330		83	50-120			
2-Methylphenol	2670	330	ug/kg	3330		80	50-120			
4-Methylphenol	2720	330	ug/kg	3330		82	50-120			
Naphthalene	2720	330	ug/kg	3330		82	45-120			
2-Nitroaniline	3160	330	ug/kg	3330		95	55-130			
3-Nitroaniline	2610	330	ug/kg	3330		78	40-140			
4-Nitroaniline	3350	830	ug/kg	3330		101	40-160			
Nitrobenzene	2740	330	ug/kg	3330		82	45-120			
2-Nitrophenol	2920	330	ug/kg	3330		88	50-120			
4-Nitrophenol	3330	830	ug/kg	3330		100	45-135			
n-Nitrosodiphenylamine	3090	330	ug/kg	3330		93	55-120			
n-Nitroso-di-n-propylamine	2670	250	ug/kg	3330		80	45-120			
Pentachlorophenol	3530	830	ug/kg	3330		106	50-120			
Phenanthrene	3090	330	ug/kg	3330		93	55-120			
Phenol	2520	330	ug/kg	3330		76	45-120			
Pyrene	3040	330	ug/kg	3330		91	50-120			
1,2,4-Trichlorobenzene	2690	330	ug/kg	3330		81	45-120			

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 Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

 Sampled: 05/05/04  
 Received: 05/05/04

**METHOD BLANK/QC DATA**
**SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>LCS Analyzed: 05/12/04 (4E07038-BS1)</b>										
2,4,5-Trichlorophenol	3150	330	ug/kg	3330		95	55-120			
2,4,6-Trichlorophenol	3210	330	ug/kg	3330		96	55-120			
1,2-Diphenylhydrazine/Azobenzene	3490	330	ug/kg	3330		105	60-120			
Surrogate: 2-Fluorophenol	5000		ug/kg	6670		75	25-120			
Surrogate: Phenol-d6	5320		ug/kg	6670		80	30-120			
Surrogate: 2,4,6-Tribromophenol	6780		ug/kg	6670		102	35-120			
Surrogate: Nitrobenzene-d5	2720		ug/kg	3330		82	30-120			
Surrogate: 2-Fluorobiphenyl	2690		ug/kg	3330		81	35-120			
Surrogate: Terphenyl-d14	3250		ug/kg	3330		98	35-155			
<b>Matrix Spike Analyzed: 05/11/04 (4E07038-MS1)</b>										
<b>Source: INE0234-22</b>										
Acenaphthene	3070	330	ug/kg	3330	ND	92	45-120			
Acenaphthylene	3660	330	ug/kg	3330	ND	110	45-120			
Aniline	1930	420	ug/kg	3330	ND	58	30-120			
Anthracene	3710	330	ug/kg	3330	ND	111	55-120			
Benzidine	ND	660	ug/kg	3330	ND		10-180			M2
Benzoic acid	2220	830	ug/kg	3330	ND	67	20-125			
Benzo(a)anthracene	3570	330	ug/kg	3330	ND	107	55-120			
Benzo(b)fluoranthene	2900	330	ug/kg	3330	ND	87	65-120			
Benzo(k)fluoranthene	2580	330	ug/kg	3330	ND	77	55-120			
Benzo(g,h,i)perylene	2910	330	ug/kg	3330	ND	87	25-160			
Benzo(a)pyrene	2860	330	ug/kg	3330	ND	86	60-120			
Benzyl alcohol	1960	330	ug/kg	3330	ND	59	40-130			
Bis(2-chloroethoxy)methane	2730	330	ug/kg	3330	ND	82	45-120			
Bis(2-chloroethyl)ether	2700	170	ug/kg	3330	ND	81	40-120			
Bis(2-chloroisopropyl)ether	2460	330	ug/kg	3330	ND	74	40-120			
Bis(2-ethylhexyl)phthalate	3650	330	ug/kg	3330	ND	110	60-135			
4-Bromophenyl phenyl ether	3230	330	ug/kg	3330	ND	97	50-125			
Butyl benzyl phthalate	3480	330	ug/kg	3330	ND	105	55-150			
4-Chloroaniline	1970	330	ug/kg	3330	ND	59	20-120			
2-Chloronaphthalene	2850	330	ug/kg	3330	ND	86	55-120			
4-Chloro-3-methylphenol	3320	330	ug/kg	3330	ND	100	45-125			
2-Chlorophenol	2710	330	ug/kg	3330	ND	81	40-120			
4-Chlorophenyl phenyl ether	3630	330	ug/kg	3330	ND	109	55-120			
Chrysene	3400	330	ug/kg	3330	ND	102	60-120			
Dibenz(a,h)anthracene	3060	420	ug/kg	3330	ND	92	25-160			

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### METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Matrix Spike Analyzed: 05/11/04 (4E07038-MS1)</b>					<b>Source: INE0234-22</b>					
Dibenzofuran	2920	330	ug/kg	3330	ND	88	55-120			
Di-n-butyl phthalate	4150	330	ug/kg	3330	ND	125	60-120			MI
1,3-Dichlorobenzene	2120	330	ug/kg	3330	ND	64	35-120			
1,4-Dichlorobenzene	2340	330	ug/kg	3330	ND	70	40-120			
1,2-Dichlorobenzene	2450	330	ug/kg	3330	ND	74	40-120			
3,3-Dichlorobenzidine	2870	830	ug/kg	3330	ND	86	20-170			
2,4-Dichlorophenol	2880	330	ug/kg	3330	ND	86	40-120			
Diethyl phthalate	3480	330	ug/kg	3330	ND	105	55-120			
2,4-Dimethylphenol	2770	330	ug/kg	3330	ND	83	35-120			
Dimethyl phthalate	3710	330	ug/kg	3330	ND	111	50-120			
4,6-Dinitro-2-methylphenol	2860	420	ug/kg	3330	ND	86	40-120			
2,4-Dinitrophenol	2310	420	ug/kg	3330	ND	69	20-140			
2,4-Dinitrotoluene	3520	330	ug/kg	3330	ND	106	55-140			
2,6-Dinitrotoluene	3370	330	ug/kg	3330	ND	101	55-125			
Di-n-octyl phthalate	3970	330	ug/kg	3330	ND	119	45-140			
Fluoranthene	3600	330	ug/kg	3330	ND	108	45-130			
Fluorene	3370	330	ug/kg	3330	ND	101	55-120			
Hexachlorobenzene	3170	330	ug/kg	3330	ND	95	35-120			
Hexachlorobutadiene	2680	330	ug/kg	3330	ND	80	40-120			
Hexachlorocyclopentadiene	1920	830	ug/kg	3330	ND	58	30-145			
Hexachloroethane	2270	330	ug/kg	3330	ND	68	40-120			
Indeno(1,2,3-cd)pyrene	3020	330	ug/kg	3330	ND	91	25-150			
Isophorone	2720	330	ug/kg	3330	ND	82	40-120			
2-Methylnaphthalene	3140	330	ug/kg	3330	ND	94	40-120			
2-Methylphenol	2850	330	ug/kg	3330	ND	86	40-120			
4-Methylphenol	2970	330	ug/kg	3330	ND	89	40-120			
Naphthalene	3240	330	ug/kg	3330	ND	97	40-120			
2-Nitroaniline	3260	330	ug/kg	3330	ND	98	55-130			
3-Nitroaniline	2780	330	ug/kg	3330	ND	83	40-140			
4-Nitroaniline	3190	830	ug/kg	3330	ND	96	40-160			
Nitrobenzene	2640	330	ug/kg	3330	ND	79	45-120			
2-Nitrophenol	2770	330	ug/kg	3330	ND	83	40-120			
4-Nitrophenol	3010	830	ug/kg	3330	ND	90	35-135			
n-Nitrosodiphenylamine	2980	330	ug/kg	3330	ND	89	55-120			
n-Nitroso-di-n-propylamine	2740	250	ug/kg	3330	ND	82	40-120			

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Sampled: 05/05/04
Received: 05/05/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Table with columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Data Qualifiers. Includes sections for Matrix Spike Analyzed and Matrix Spike Dup Analyzed.

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Matrix Spike Dup Analyzed: 05/11/04 (4E07038-MSD1)</b>					<b>Source: INE0234-22</b>					
4-Chloro-3-methylphenol	3690	330	ug/kg	3330	ND	111	45-125	11	20	
2-Chlorophenol	3060	330	ug/kg	3330	ND	92	40-120	12	20	
4-Chlorophenyl phenyl ether	3970	330	ug/kg	3330	ND	119	55-120	9	20	
Chrysene	3650	330	ug/kg	3330	ND	110	60-120	7	20	
Dibenz(a,h)anthracene	3110	420	ug/kg	3330	ND	93	25-160	2	25	
Dibenzofuran	3320	330	ug/kg	3330	ND	100	55-120	13	20	
Di-n-butyl phthalate	4110	330	ug/kg	3330	ND	123	60-120	1	20	MI
1,3-Dichlorobenzene	2960	330	ug/kg	3330	ND	89	35-120	33	25	R
1,4-Dichlorobenzene	3010	330	ug/kg	3330	ND	90	40-120	25	25	
1,2-Dichlorobenzene	3120	330	ug/kg	3330	ND	94	40-120	24	20	R
3,3-Dichlorobenzidine	2690	830	ug/kg	3330	ND	81	20-170	6	25	
2,4-Dichlorophenol	3400	330	ug/kg	3330	ND	102	40-120	17	20	
Diethyl phthalate	3890	330	ug/kg	3330	ND	117	55-120	11	20	
2,4-Dimethylphenol	3040	330	ug/kg	3330	ND	91	35-120	9	25	
Dimethyl phthalate	4040	330	ug/kg	3330	ND	121	50-120	9	20	MI
4,6-Dinitro-2-methylphenol	3020	420	ug/kg	3330	ND	91	40-120	5	20	
2,4-Dinitrophenol	2490	420	ug/kg	3330	ND	75	20-140	8	25	
2,4-Dinitrotoluene	3700	330	ug/kg	3330	ND	111	55-140	5	20	
2,6-Dinitrotoluene	3700	330	ug/kg	3330	ND	111	55-125	9	20	
Di-n-octyl phthalate	4210	330	ug/kg	3330	ND	126	45-140	6	20	
Fluoranthene	3850	330	ug/kg	3330	ND	116	45-130	7	20	
Fluorene	3840	330	ug/kg	3330	ND	115	55-120	13	20	
Hexachlorobenzene	3500	330	ug/kg	3330	ND	105	35-120	10	25	
Hexachlorobutadiene	3360	330	ug/kg	3330	ND	101	40-120	23	20	R
Hexachlorocyclopentadiene	2390	830	ug/kg	3330	ND	72	30-145	22	30	
Hexachloroethane	2940	330	ug/kg	3330	ND	88	40-120	26	20	R
Indeno(1,2,3-cd)pyrene	3090	330	ug/kg	3330	ND	93	25-150	2	25	
Isophorone	3090	330	ug/kg	3330	ND	93	40-120	13	20	
2-Methylnaphthalene	3690	330	ug/kg	3330	ND	111	40-120	16	20	
2-Methylphenol	3340	330	ug/kg	3330	ND	100	40-120	16	20	
4-Methylphenol	3210	330	ug/kg	3330	ND	96	40-120	8	20	
Naphthalene	4020	330	ug/kg	3330	ND	121	40-120	21	20	MI, R-3
2-Nitroaniline	3540	330	ug/kg	3330	ND	106	55-130	8	20	
3-Nitroaniline	2690	330	ug/kg	3330	ND	81	40-140	3	25	
4-Nitroaniline	3520	830	ug/kg	3330	ND	106	40-160	10	20	

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SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E07038 Extracted: 05/07/04</b>										
<b>Matrix Spike Dup Analyzed: 05/11/04 (4E07038-MSD1)</b>					<b>Source: INE0234-22</b>					
Nitrobenzene	3240	330	ug/kg	3330	ND	97	45-120	20	20	
2-Nitrophenol	3420	330	ug/kg	3330	ND	103	40-120	21	20	R
4-Nitrophenol	3010	830	ug/kg	3330	ND	90	35-135	0	25	
n-Nitrosodiphenylamine	3260	330	ug/kg	3330	ND	98	55-120	9	20	
n-Nitroso-di-n-propylamine	3140	250	ug/kg	3330	ND	94	40-120	14	20	
Pentachlorophenol	3610	830	ug/kg	3330	ND	108	40-120	4	20	
Phenanthrene	3920	330	ug/kg	3330	ND	118	55-120	4	20	
Phenol	3290	330	ug/kg	3330	ND	99	40-120	12	20	
Pyrene	4350	330	ug/kg	3330	ND	131	50-120	7	20	MI
1,2,4-Trichlorobenzene	3270	330	ug/kg	3330	ND	98	45-120	23	20	R
2,4,5-Trichlorophenol	3580	330	ug/kg	3330	ND	108	55-120	10	20	
2,4,6-Trichlorophenol	3320	330	ug/kg	3330	ND	100	40-120	8	20	
1,2-Diphenylhydrazine/Azobenzene	3530	330	ug/kg	3330	ND	106	60-120	6	20	
Surrogate: 2-Fluorophenol	5540		ug/kg	6670		83	25-120			
Surrogate: Phenol-d6	6460		ug/kg	6670		97	30-120			
Surrogate: 2,4,6-Tribromophenol	7120		ug/kg	6670		107	35-120			
Surrogate: Nitrobenzene-d5	3190		ug/kg	3330		96	30-120			
Surrogate: 2-Fluorobiphenyl	3490		ug/kg	3330		105	35-120			
Surrogate: Terphenyl-d14	3900		ug/kg	3330		117	35-155			

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11075 Extracted: 05/11/04</b>										
<b>Blank Analyzed: 05/12/04 (4E11075-BLK1)</b>										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
<b>LCS Analyzed: 05/12/04 (4E11075-BS1)</b>										
Antimony	45.6	10	mg/kg	50.0		91	80-120			
Arsenic	45.8	2.0	mg/kg	50.0		92	80-120			
Barium	48.5	1.0	mg/kg	50.0		97	80-120			
Beryllium	48.0	0.50	mg/kg	50.0		96	80-120			
Cadmium	45.2	0.50	mg/kg	50.0		90	80-120			
Chromium	47.5	1.0	mg/kg	50.0		95	80-120			
Cobalt	47.8	1.0	mg/kg	50.0		96	80-120			
Copper	49.2	2.0	mg/kg	50.0		98	80-120			
Lead	46.6	2.0	mg/kg	50.0		93	80-120			
Molybdenum	47.3	2.0	mg/kg	50.0		95	80-120			
Nickel	48.8	2.0	mg/kg	50.0		98	80-120			
Selenium	45.2	2.0	mg/kg	50.0		90	80-120			
Silver	24.5	1.0	mg/kg	25.0		98	80-120			
Thallium	46.0	10	mg/kg	50.0		92	80-120			
Vanadium	50.1	1.0	mg/kg	50.0		100	80-120			
Zinc	45.0	5.0	mg/kg	50.0		90	80-120			

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11075 Extracted: 05/11/04</b>										
<b>Matrix Spike Analyzed: 05/12/04 (4E11075-MS1)</b>					<b>Source: INE0353-01</b>					
Antimony	36.8	10	mg/kg	50.0	ND	74	75-125			M2
Arsenic	42.6	2.0	mg/kg	50.0	1.5	82	75-125			
Barium	100	1.0	mg/kg	50.0	41	118	75-125			
Beryllium	40.9	0.50	mg/kg	50.0	ND	82	75-125			
Cadmium	40.8	0.50	mg/kg	50.0	ND	82	75-125			
Chromium	43.2	1.0	mg/kg	50.0	1.6	83	75-125			
Cobalt	40.2	1.0	mg/kg	50.0	0.17	80	75-125			
Copper	44.0	2.0	mg/kg	50.0	4.2	80	75-125			
Lead	120	2.0	mg/kg	50.0	90	60	75-125			M2
Molybdenum	39.9	2.0	mg/kg	50.0	0.28	79	75-125			
Nickel	42.0	2.0	mg/kg	50.0	0.29	83	75-125			
Selenium	39.0	2.0	mg/kg	50.0	1.8	74	75-125			M2
Silver	20.8	1.0	mg/kg	25.0	ND	83	75-125			
Thallium	39.4	10	mg/kg	50.0	ND	79	75-125			
Vanadium	42.8	1.0	mg/kg	50.0	1.8	82	75-125			
Zinc	45.0	5.0	mg/kg	50.0	3.0	84	75-125			
<b>Matrix Spike Dup Analyzed: 05/12/04 (4E11075-MSD1)</b>					<b>Source: INE0353-01</b>					
Antimony	35.2	10	mg/kg	50.0	ND	70	75-125	4	20	M2
Arsenic	41.6	2.0	mg/kg	50.0	1.5	80	75-125	2	20	
Barium	101	1.0	mg/kg	50.0	41	120	75-125	1	20	
Beryllium	42.2	0.50	mg/kg	50.0	ND	84	75-125	3	20	
Cadmium	39.1	0.50	mg/kg	50.0	ND	78	75-125	4	20	
Chromium	43.0	1.0	mg/kg	50.0	1.6	83	75-125	1	20	
Cobalt	41.2	1.0	mg/kg	50.0	0.17	82	75-125	2	20	
Copper	47.5	2.0	mg/kg	50.0	4.2	87	75-125	8	20	
Lead	161	2.0	mg/kg	50.0	90	142	75-125	29	20	MI, R-3
Molybdenum	41.3	2.0	mg/kg	50.0	0.28	82	75-125	3	20	
Nickel	42.0	2.0	mg/kg	50.0	0.29	83	75-125	0	20	
Selenium	41.6	2.0	mg/kg	50.0	1.8	80	75-125	6	20	
Silver	21.3	1.0	mg/kg	25.0	ND	85	75-125	2	20	
Thallium	39.0	10	mg/kg	50.0	ND	78	75-125	1	20	
Vanadium	45.3	1.0	mg/kg	50.0	1.8	87	75-125	6	20	
Zinc	41.4	5.0	mg/kg	50.0	3.0	77	75-125	8	20	

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Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E13067 Extracted: 05/13/04</b>										
<b>Blank Analyzed: 05/13/04 (4E13067-BLK1)</b>										
Mercury	ND	0.020	mg/kg							
<b>LCS Analyzed: 05/13/04 (4E13067-BS1)</b>										
Mercury	0.812	0.020	mg/kg	0.800		102	85-120			
<b>Matrix Spike Analyzed: 05/13/04 (4E13067-MS1) Source: INE0471-01</b>										
Mercury	0.788	0.020	mg/kg	0.800	0.023	96	65-135			
<b>Matrix Spike Dup Analyzed: 05/13/04 (4E13067-MSD1) Source: INE0471-01</b>										
Mercury	0.818	0.020	mg/kg	0.800	0.023	99	65-135	4	20	
<b>Batch: 4E13078 Extracted: 05/13/04</b>										
<b>Blank Analyzed: 05/14/04 (4E13078-BLK1)</b>										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E13078 Extracted: 05/13/04</b>										
<b>LCS Analyzed: 05/14/04 (4E13078-BS1)</b>										
Antimony	49.2	10	mg/kg	50.0		98	80-120			
Arsenic	49.2	2.0	mg/kg	50.0		98	80-120			
Barium	49.4	1.0	mg/kg	50.0		99	80-120			
Beryllium	49.2	0.50	mg/kg	50.0		98	80-120			
Cadmium	48.6	0.50	mg/kg	50.0		97	80-120			
Chromium	49.4	1.0	mg/kg	50.0		99	80-120			
Cobalt	48.9	1.0	mg/kg	50.0		98	80-120			
Copper	48.7	2.0	mg/kg	50.0		97	80-120			
Lead	50.0	2.0	mg/kg	50.0		100	80-120			
Molybdenum	49.2	2.0	mg/kg	50.0		98	80-120			
Nickel	48.8	2.0	mg/kg	50.0		98	80-120			
Selenium	46.5	2.0	mg/kg	50.0		93	80-120			
Silver	24.2	1.0	mg/kg	25.0		97	80-120			
Thallium	46.4	10	mg/kg	50.0		93	80-120			
Vanadium	49.4	1.0	mg/kg	50.0		99	80-120			
Zinc	48.2	5.0	mg/kg	50.0		96	80-120			

Matrix Spike Analyzed: 05/14/04 (4E13078-MS1)

Source: INE0692-01

Antimony	48.4	10	mg/kg	50.0	9.2	78	75-125			
Arsenic	58.9	2.0	mg/kg	50.0	11	96	75-125			
Barium	102	1.0	mg/kg	50.0	57	90	75-125			
Beryllium	46.8	0.50	mg/kg	50.0	0.14	93	75-125			
Cadmium	46.6	0.50	mg/kg	50.0	0.20	93	75-125			
Chromium	63.9	1.0	mg/kg	50.0	15	98	75-125			
Cobalt	49.2	1.0	mg/kg	50.0	2.2	94	75-125			
Copper	57.8	2.0	mg/kg	50.0	8.3	99	75-125			
Lead	124	2.0	mg/kg	50.0	76	96	75-125			
Molybdenum	48.0	2.0	mg/kg	50.0	0.88	94	75-125			
Nickel	53.6	2.0	mg/kg	50.0	6.5	94	75-125			
Selenium	44.5	2.0	mg/kg	50.0	ND	89	75-125			
Silver	23.9	1.0	mg/kg	25.0	0.24	95	75-125			
Thallium	43.8	10	mg/kg	50.0	0.83	86	75-125			
Vanadium	67.2	1.0	mg/kg	50.0	16	102	75-125			
Zinc	74.8	5.0	mg/kg	50.0	21	108	75-125			

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E13078 Extracted: 05/13/04</b>										
<b>Matrix Spike Dup Analyzed: 05/14/04 (4E13078-MSD1)</b>					<b>Source: INE0692-01</b>					
Antimony	48.3	10	mg/kg	50.0	9.2	78	75-125	0	20	
Arsenic	57.7	2.0	mg/kg	50.0	11	93	75-125	2	20	
Barium	103	1.0	mg/kg	50.0	57	92	75-125	1	20	
Beryllium	47.0	0.50	mg/kg	50.0	0.14	94	75-125	0	20	
Cadmium	46.5	0.50	mg/kg	50.0	0.20	93	75-125	0	20	
Chromium	62.0	1.0	mg/kg	50.0	15	94	75-125	3	20	
Cobalt	48.6	1.0	mg/kg	50.0	2.2	93	75-125	1	20	
Copper	55.8	2.0	mg/kg	50.0	8.3	95	75-125	4	20	
Lead	121	2.0	mg/kg	50.0	76	90	75-125	2	20	
Molybdenum	47.6	2.0	mg/kg	50.0	0.88	93	75-125	1	20	
Nickel	52.2	2.0	mg/kg	50.0	6.5	91	75-125	3	20	
Selenium	44.1	2.0	mg/kg	50.0	ND	88	75-125	1	20	
Silver	23.7	1.0	mg/kg	25.0	0.24	94	75-125	1	20	
Thallium	44.3	10	mg/kg	50.0	0.83	87	75-125	1	20	
Vanadium	65.1	1.0	mg/kg	50.0	16	98	75-125	3	20	
Zinc	65.1	5.0	mg/kg	50.0	21	88	75-125	14	20	

**Batch: 4E13081 Extracted: 05/13/04**

**Blank Analyzed: 05/13/04 (4E13081-BLK1)**

Mercury ND 0.020 mg/kg

**LCS Analyzed: 05/13/04 (4E13081-BS1)**

Mercury 0.731 0.020 mg/kg 0.800 91 85-120

**Matrix Spike Analyzed: 05/13/04 (4E13081-MS1)**

Mercury 0.868 0.020 mg/kg 0.800 0.082 98 65-135

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E13081 Extracted: 05/13/04</b>										
<b>Matrix Spike Dup Analyzed: 05/13/04 (4E13081-MSD1)</b>					<b>Source: INE0143-06</b>					
Mercury	0.864	0.020	mg/kg	0.800	0.082	98	65-135	1	20	

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E06051 Extracted: 05/06/04</b>										
<b>Duplicate Analyzed: 05/06/04 (4E06051-DUP1)</b>										
pH	8.90	NA	pH Units		8.92			0	5	
<b>Batch: 4E06072 Extracted: 05/06/04</b>										
<b>Blank Analyzed: 05/07/04 (4E06072-BLK1)</b>										
Chromium VI	ND	0.20	mg/kg							
<b>LCS Analyzed: 05/07/04 (4E06072-BS1)</b>										
Chromium VI	4.33	0.20	mg/kg	5.00		87	65-110			
<b>Matrix Spike Analyzed: 05/07/04 (4E06072-MS1)</b>										
Chromium VI	3.57	0.20	mg/kg	5.00	ND	71	55-110			
<b>Matrix Spike Dup Analyzed: 05/07/04 (4E06072-MSD1)</b>										
Chromium VI	3.40	0.20	mg/kg	5.00	ND	68	55-110	5	20	
<b>Batch: 4E10046 Extracted: 05/10/04</b>										
<b>Duplicate Analyzed: 05/10/04 (4E10046-DUP1)</b>										
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
<b>Duplicate Analyzed: 05/10/04 (4E10046-DUP2)</b>										
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
<b>Batch: 4E13052 Extracted: 05/13/04</b>										
<b>Blank Analyzed: 05/13/04 (4E13052-BLK1)</b>										
Oil & Grease	ND	5.0	mg/kg							

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**METHOD BLANK/QC DATA**

**INORGANICS**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E13052 Extracted: 05/13/04</b>										
<b>LCS Analyzed: 05/13/04 (4E13052-BS1)</b>										
Oil & Grease	16.3	5.0	mg/kg	20.0		82	55-130			
<b>LCS Dup Analyzed: 05/13/04 (4E13052-BSD1)</b>										
Oil & Grease	16.3	5.0	mg/kg	20.0		82	55-130	0	20	
<b>Matrix Spike Analyzed: 05/13/04 (4E13052-MS1)</b>										
Oil & Grease	31.1	5.0	mg/kg	20.0	20	56	35-130			
<b>Matrix Spike Dup Analyzed: 05/13/04 (4E13052-MSD1)</b>										
Oil & Grease	39.5	5.0	mg/kg	20.0	20	98	35-130	24	25	

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**METHOD BLANK/QC DATA**
**Organochlorine Pesticides by EPA Method 8081A**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11027 Extracted: 05/11/04</b>										
<b>Blank Analyzed: 05/14/04 (4E11027-BLK1)</b>										
Aldrin	ND	1.0	ug/kg							
alpha-BHC	ND	1.0	ug/kg							
beta-BHC	ND	1.0	ug/kg							
delta-BHC	ND	1.0	ug/kg							
gamma-BHC (Lindane)	ND	1.0	ug/kg							
Chlordane (tech)	ND	20	ug/kg							
4,4'-DDD	ND	6.0	ug/kg							
4,4'-DDE	ND	2.0	ug/kg							
4,4'-DDT	ND	6.0	ug/kg							
Dieldrin	ND	2.0	ug/kg							
Endosulfan I	ND	2.0	ug/kg							
Endosulfan II	ND	2.0	ug/kg							
Endosulfan sulfate	ND	6.0	ug/kg							
Endrin	ND	2.0	ug/kg							
Endrin aldehyde	ND	6.0	ug/kg							
Endrin ketone	ND	6.0	ug/kg							
Heptachlor	ND	1.0	ug/kg							
Heptachlor epoxide	ND	1.0	ug/kg							
Methoxychlor	ND	20	ug/kg							
Toxaphene	ND	80	ug/kg							
Surrogate: Tetrachloro-m-xylene	13.9		ug/kg	16.7		83	66-116			
Surrogate: Decachlorobiphenyl	29.7		ug/kg	33.3		89	42-153			
<b>LCS Analyzed: 05/14/04 (4E11027-BS1)</b>										
Aldrin	2.90	1.0	ug/kg	3.33		87	58-112			
alpha-BHC	3.01	1.0	ug/kg	3.33		90	66-107			
beta-BHC	3.01	1.0	ug/kg	3.33		90	53-131			
delta-BHC	3.20	1.0	ug/kg	3.33		96	62-126			
gamma-BHC (Lindane)	3.02	1.0	ug/kg	3.33		91	46-123			
4,4'-DDD	20.6	6.0	ug/kg	20.0		103	57-131			
4,4'-DDE	4.80	2.0	ug/kg	6.67		72	62-113			
4,4'-DDT	14.5	6.0	ug/kg	20.0		73	36-146			
Dieldrin	6.05	2.0	ug/kg	6.67		91	62-119			
Endosulfan I	5.12	2.0	ug/kg	6.67		77	56-109			
Endosulfan II	5.46	2.0	ug/kg	6.67		82	53-125			
Endosulfan sulfate	20.5	6.0	ug/kg	20.0		102	61-141			

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METHOD BLANK/QC DATA

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11027 Extracted: 05/11/04</b>										
<b>LCS Analyzed: 05/14/04 (4E11027-BS1)</b>										
Endrin	6.05	2.0	ug/kg	6.67		91	63-119			
Endrin aldehyde	17.1	6.0	ug/kg	20.0		86	53-132			
Heptachlor	2.90	1.0	ug/kg	3.33		87	56-121			
Heptachlor epoxide	2.73	1.0	ug/kg	3.33		82	66-115			
Surrogate: Tetrachloro-m-xylene	12.0		ug/kg	13.3		90	66-116			
Surrogate: Decachlorobiphenyl	25.8		ug/kg	26.7		97	42-153			
<b>Matrix Spike Analyzed: 05/14/04 (4E11027-MS1)</b>										
<b>Source: MNE0245-01</b>										
Aldrin	2.00	1.0	ug/kg	3.33	0.45	47	58-112			QM02
alpha-BHC	1.79	1.0	ug/kg	3.33	0.75	31	66-107			QM02
beta-BHC	1.61	1.0	ug/kg	3.33	ND	48	53-131			QM02
delta-BHC	1.72	1.0	ug/kg	3.33	ND	52	62-126			QM02
gamma-BHC (Lindane)	1.98	1.0	ug/kg	3.33	ND	60	46-123			
4,4'-DDD	13.0	6.0	ug/kg	20.0	ND	65	57-131			
4,4'-DDE	5.54	2.0	ug/kg	6.67	ND	83	62-113			
4,4'-DDT	13.7	6.0	ug/kg	20.0	ND	69	36-146			
Dieldrin	3.92	2.0	ug/kg	6.67	1.1	42	62-119			QM02
Endosulfan I	2.76	2.0	ug/kg	6.67	1.4	20	56-109			QM02
Endosulfan II	3.24	2.0	ug/kg	6.67	ND	49	53-125			QM02
Endosulfan sulfate	7.19	6.0	ug/kg	20.0	ND	36	61-141			QM02
Endrin	5.67	2.0	ug/kg	6.67	ND	85	63-119			
Endrin aldehyde	3.53	6.0	ug/kg	20.0	ND	18	53-132			QM02
Endrin ketone	19.8	6.0	ug/kg	20.0	ND	99	51-144			
Heptachlor	2.19	1.0	ug/kg	3.33	ND	66	56-121			
Heptachlor epoxide	1.93	1.0	ug/kg	3.33	ND	58	66-115			QM02
Surrogate: Tetrachloro-m-xylene	7.50		ug/kg	13.3		56	66-116			S02
Surrogate: Decachlorobiphenyl	16.9		ug/kg	26.7		63	42-153			

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### METHOD BLANK/QC DATA

### Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11027 Extracted: 05/11/04</b>										
<b>Matrix Spike Dup Analyzed: 05/14/04 (4E11027-MSD1)</b>					<b>Source: MNE0245-01</b>					
Aldrin	1.99	1.0	ug/kg	3.33	0.45	46	58-112	1	20	QM02
alpha-BHC	1.65	1.0	ug/kg	3.33	0.75	27	66-107	8	20	QM02
beta-BHC	1.67	1.0	ug/kg	3.33	ND	50	53-131	4	20	QM02
delta-BHC	1.02	1.0	ug/kg	3.33	ND	31	62-126	51	20	QM02
gamma-BHC (Lindane)	1.63	1.0	ug/kg	3.33	ND	49	46-123	19	20	
4,4'-DDD	12.9	6.0	ug/kg	20.0	ND	65	57-131	1	20	
4,4'-DDE	5.94	2.0	ug/kg	6.67	ND	89	62-113	7	20	
4,4'-DDT	4.70	6.0	ug/kg	20.0	ND	24	36-146	98	20	QM02
Dieldrin	3.88	2.0	ug/kg	6.67	1.1	42	62-119	1	20	QM02
Endosulfan I	3.20	2.0	ug/kg	6.67	1.4	27	56-109	15	20	QM02
Endosulfan II	3.98	2.0	ug/kg	6.67	ND	60	53-125	21	20	QM02
Endosulfan sulfate	3.01	6.0	ug/kg	20.0	ND	15	61-141	82	20	QM02
Endrin	5.46	2.0	ug/kg	6.67	ND	82	63-119	4	20	
Endrin aldehyde	9.08	6.0	ug/kg	20.0	ND	45	53-132	88	20	QM02
Endrin ketone	16.5	6.0	ug/kg	20.0	ND	83	51-144	18	20	
Heptachlor	2.20	1.0	ug/kg	3.33	ND	66	56-121	0	20	
Heptachlor epoxide	1.93	1.0	ug/kg	3.33	ND	58	66-115	0	20	QM02
Surrogate: Tetrachloro-m-xylene	7.64		ug/kg	13.3		57	66-116			S02
Surrogate: Decachlorobiphenyl	18.5		ug/kg	26.7		69	42-153			

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METHOD BLANK/QC DATA

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 4E11028 Extracted: 05/11/04</b>										
<b>Blank Analyzed: 05/13/04 (4E11028-BLK1)</b>										
PCB-1016	ND	20	ug/kg							C-06
PCB-1221	ND	80	ug/kg							
PCB-1232	ND	20	ug/kg							
PCB-1242	ND	20	ug/kg							
PCB-1248	ND	20	ug/kg							
PCB-1254	ND	20	ug/kg							
PCB-1260	ND	20	ug/kg							
PCB-1268	ND	20	ug/kg							
Surrogate: Tetrachloro-m-xylene	15.7		ug/kg	16.7		94	23-151			
Surrogate: Decachlorobiphenyl	32.8		ug/kg	33.3		99	26-142			
<b>LCS Analyzed: 05/13/04 (4E11028-BS1)</b>										
PCB-1260	88.9	20	ug/kg	83.3		107	47-126			C-06
Surrogate: Tetrachloro-m-xylene	16.4		ug/kg	16.7		98	23-151			
Surrogate: Decachlorobiphenyl	30.7		ug/kg	33.3		92	26-142			
<b>Matrix Spike Analyzed: 05/13/04 (4E11028-MS1)</b>										
					<b>Source: INE0228-07</b>					C-06, R-05
PCB-1260	71.3	200	ug/kg	83.3	ND	86	47-126			
Surrogate: Tetrachloro-m-xylene	16.1		ug/kg	16.7		96	23-151			
Surrogate: Decachlorobiphenyl	38.1		ug/kg	33.3		114	26-142			
<b>Matrix Spike Dup Analyzed: 05/13/04 (4E11028-MSD1)</b>										
					<b>Source: INE0228-07</b>					C-06, R-05
PCB-1260	73.4	200	ug/kg	83.3	ND	88	47-126	3	37	
Surrogate: Tetrachloro-m-xylene	17.0		ug/kg	16.7		102	23-151			
Surrogate: Decachlorobiphenyl	43.1		ug/kg	33.3		129	26-142			

Del Mar Analytical, Irvine  
Amanda Cordova  
Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project ID: Ascon - Soils  
SB0202-31  
Report Number: INE0228

Sampled: 05/05/04  
Received: 05/05/04

### DATA QUALIFIERS AND DEFINITIONS

- C-06** To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
- M1** The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M-HA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- M-NR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- QM02** The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- R** The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R-05** The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- R-3** The RPD exceeded the method control limit due to sample matrix effects.
- R-7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- RL-1** Reporting limit raised due to sample matrix effects.
- RL-2** Reporting limit raised due to high concentrations of hydrocarbons.
- S02** The surrogate recovery was below control limits. The result may still be useful for its intended purpose.
- S07** The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- SB** Sustained burning when exposed to open flame.
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

### ADDITIONAL COMMENTS

**For 1,2-Diphenylhydrazine:**

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

**For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :**

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

**Del Mar Analytical, Irvine**  
Amanda Cordova  
Project Manager



Geosyntec Consultants/Project Navigator - Ascon  
 2100 Main Street, Suite 150  
 Huntington Beach, CA 92648  
 Attention: Mike Reardon

Project ID: Ascon - Soils  
 SB0202-31  
 Report Number: INE0228

Sampled: 05/05/04  
 Received: 05/05/04

## Certification Summary

### Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 413.2 MOD.	Soil	N/A	N/A
EPA 418.1	Soil	X	X
EPA 6010B	Soil	X	X
EPA 7199	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8270C	Soil	X	X
EPA 9045C	Soil	X	X
SW846 7.1.2	Soil		
SW846 7.3.2.1	Soil		X

*NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at [www.dmalabs.com](http://www.dmalabs.com).*

### Subcontracted Laboratories

#### Calscience-SUB CA ELAP Cert #1230

7440 Lincoln Way - Garden Grove, CA 92841

Analysis Performed: Organic Lead

Samples: INE0228-02, INE0228-05, INE0228-07, INE0228-11

#### Sequoia Analytical, Morgan Hill CA ELAP Cert #1210 and AZ DHS Licence #01117CA

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 8081A

Samples: INE0228-02, INE0228-05, INE0228-07, INE0228-11

Method Performed: EPA 8082

Samples: INE0228-02, INE0228-05, INE0228-07, INE0228-11

### Del Mar Analytical, Irvine

Amanda Cordova

Project Manager





# Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228  
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046  
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-8596 FAX (619) 505-9689  
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851  
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

## CHAIN OF CUSTODY FORM

Client Name/Address:		P.O. #:		ANALYSIS REQUIRED		
Geo Syntec Consultants 2100 Main St. Suite 150 Huntington Beach, CA 92648		Project: SB0202-31 Ascon LF		INE0228		
Project Manager/Phone Number: Mike Reardon 714-949-0800		Phone Number: (714) 949 0800				
Sampler: Duygu Tokat		Fax Number: (714) 949 0820		See list 8260		
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions
PNL-6-9.5'-EC	Soil	Encare	3	5/5/04 8:15	NA	] Composite as PNL-6
PNL-6-9'	Soil	SSring	1	5/5/04 8:15	NA	
PNL-6-12'	Soil	SSring	1	5/5/04 8:20	NA	
PNL-6-15'	Soil	SSring	1	5/5 08:35	NA	] Composite as PNL-6
PNL-6-15.5'-EC	Soil	ENCare	3	5/5 08:37	NA	
PNL-6-21.5'-EC	Soil	Encare	3	5/5 08:45	NA	
PNL-6-21'	Soil	SSring	1	5/5 08:45	NA	] Composite as PNL-6
PNL-6-24'	Soil	SSring	1	5/5-08:50	NA	
PNL-9-6'	Soil	SSring	1	5/5 09:50	NA	
PNL-9-9.5'	Soil	SSring	1	5/5 10:10	NA	] Composite as PNL-9 FILL
PNL-9-10'-EC	Soil	Encare	3	5/5 10:10	NA	
PNL-9-12.5'	Soil	SSring	1	5/5 10:15	NA	
PNL-9-16'	Soil	SSring	1	5/5 10:35	NA	] Composite as PNL-9 WASTE
PNL-9-18'	Soil	SSring	1	5/5 10:40	NA	
PNL-9-15.5'-EC	Soil	Encare	3	5/5 10:35	NA	
Relinquished By Duygu Tokat 7/17	Date/Time: 5/5/04 15:17	Received By Tom Blevins	Date/Time: 5/5/04 15:17	Received By Tom Blevins	Date/Time: 5/5/04 15:17	Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal _____ Sample Integrity: (Check) Intact <input checked="" type="checkbox"/> On Ice: <input type="checkbox"/>
Relinquished By Tom Blevins	Date/Time: 5/5/04 17:45	Received By Tom Blevins	Date/Time: 5/5/04 17:45	Received By Tom Blevins	Date/Time: 5/5/04 17:45	



Del Mar Analytical

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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (658) 505-8586 FAX (658) 505-9689  
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851  
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

# CHAIN OF CUSTODY FORM

Client Name/Address:		P.O. #:		ANALYSIS REQUIRED									
See Page 1		Project: See Page 1											
Project Manager/Phone Number:		Phone Number:											
See Page 1		See Page 1											
Sampler:		Fax Number:											
		8260											
		See list											
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions							
PNL-9-18.5'-EC	Soil	Encore	3	5/5/04 1045	NA								
PNL-8-18.5'-EC	Soil	Encore	3	5/5/04 1315	NA								
PNL-8-10'	Soil	Spring	1	5/5 1315	NA								
PNL-8-12.5'	Soil	Spring	1	5/5 1330	NA								
<del>PNL-15-20'</del>													
PNL-8-15'	Soil	Spring	1	5/5 1235	NA								
PNL-8-18'	Soil	Spring	1	5/5 1400	NA								
PNL-8-18.5'-EC	Soil	Encore	3	5/5 1400	NA								
PNL-8-21'	Soil	Spring	1	5/5 1405	NA								
PNL-8-18.5'-24'	Soil	Spring	1	5/5 1425	NA								
PNL-8-18.5'-27'	Soil	Spring	1	5/5 1435	NA								
PNL-8-24.5'-EC	Soil	ENCORE	3	5/5 1430	NA								
D.T.													
Relinquished By: Dan Tokat 12/17		Date/Time: 5/5/04 15:17		Received By: Lamin Dang		Date/Time: 5/5/04 15:17		Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____					
Relinquished By: Lamin Dang		Date/Time: 5/5/04 17:45		Received By: Tom Blawie DMAI		Date/Time: 5/5/04 16:45		48 hours _____ normal _____ Sample Integrity: (Check) _____ X _____					
Relinquished By: Tom Blawie		Date/Time: 5/5/04 17:45		Received By: [Signature]		Date/Time: 5/5/04 17:45		Intact _____ On Ice: _____ IC					

Volatile Organic Compounds (VOCs) <sup>(1)</sup>	EPA 8260B	18
Semi-Volatile Organic Compounds (SVOCs)/ Polyaromatic Hydrocarbons (PAHs) <sup>(1)</sup>	EPA 8270C	18
Hexavalent Chromium <sup>(1)</sup>	EPA 7199	18
Organic Lead <sup>(1)</sup>	DHS Luft	18
Organochlorine Pesticides	EPA 8081	18
Polychlorinated bi-phenyls (PCBs)	EPA 8082	18
California Title 22 Metals <sup>(1)</sup>	EPA 6010B/7471A	18
Total Petroleum Hydrocarbons as Gasoline (TPHg) C6-C12, C13-C40	EPA 8015M	18
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 418.1	18
Oil & Grease	EPA 413.2	18
Corrosivity	EPA 9045C Solid/9040 Liquid	18
Reactivity	SW 846 7.3.2.1	18
Ignitability	SW 846 7.1.2	18



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 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851  
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

June 4, 2004

Geosyntec Consultants/Project Navigator - Ascon  
 2100 Main Street, Suite 150  
 Huntington Beach, CA 92648

Attention: Mike Reardon

Subject: Ascon-Soils  
 Sampled: 05/05/04  
 Del Mar Analytical Report Number: INE0228

Dear Mr. Reardon:

Calscience Laboratories performed the Organic Lead Analysis by Method DHS LUFT for the project referenced above. Please use the following cross-reference table when reviewing your results.

Geosyntec ID	Del Mar – Irvine ID	Calscience ID
PNL-6	INE0228-02	04-05-0234-1
PNL-9 FILL	INE0228-05	04-05-0234-2
PNL-9	INE0228-07	04-05-0234-3
PNL-8	INE0228-11	04-05-0234-4

The final report from the subcontract laboratory is attached. Should you have any questions or comments please contact me at (949) 261-1022, extension 229.

Sincerely,  
 DEL MAR ANALYTICAL

Amanda Cordova  
 Project Manager

Enclosure

May 11, 2004

Amanda Cordova  
Del Mar Analytical  
2852 Alton Parkway  
Irvine, CA 92606-5104

Subject: **Calscience Work Order No.: 04-05-0234**  
**Client Reference: INE0228**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/6/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

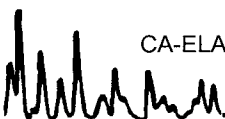
Sincerely,



Calscience Environmental  
Laboratories, Inc.  
Steven L. Lane  
Laboratory Director



Michael J. Crisostomo  
Quality Assurance Manager





Del Mar Analytical  
 2852 Alton Parkway  
 Irvine, CA 92606-5104

Date Received: 05/06/04  
 Work Order No: 04-05-0234  
 Preparation: DHS LUFT  
 Method: DHS LUFT

Project: INE0228

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0228-02	04-05-0234-1	05/05/04	Solid	05/11/04	05/11/04	040511L03

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

INE0228-05	04-05-0234-2	05/05/04	Solid	05/11/04	05/11/04	040511L03
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Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

INE0228-07	04-05-0234-3	05/05/04	Solid	05/11/04	05/11/04	040511L03
------------	--------------	----------	-------	----------	----------	-----------

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

INE0228-11	04-05-0234-21	05/05/04	Solid	05/11/04	05/11/04	040511L03
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Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Method Blank	099-10-020-195	N/A	Solid	05/11/04	05/11/04	040511L03
--------------	----------------	-----	-------	----------	----------	-----------

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Del Mar Analytical  
 2852 Alton Parkway  
 Irvine, CA 92606-5104

Date Received: 05/06/04  
 Work Order No: 04-05-0234  
 Preparation: DHS LUFT  
 Method: DHS LUFT

Project: INE0228

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-05-0415-5	Solid	FLAA	05/11/04	05/11/04	040511S03

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Organic Lead	62	64	50-130	3	0-20	

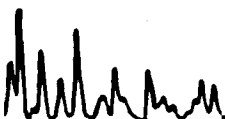
Del Mar Analytical  
2852 Alton Parkway  
Irvine, CA 92606-5104

Date Received: N/A  
Work Order No: 04-05-0234  
Preparation: DHS LUFT  
Method: DHS LUFT

Project: INE0228

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-195	Solid	FLAA	05/11/04	NONE	040511L03

<u>Parameter</u>	<u>Conc Added</u>	<u>Conc Recovered</u>	<u>LCS %Rec</u>	<u>%Rec CL</u>	<u>Qualifiers</u>
Organic Lead	25.0	25.6	102	50-130	





Work Order Number: 04-05-0234

---

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Sample was analyzed past recommended holding time.
H	Sample analyzed past recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed on confirmation column.



NO. 247  
 2552 Alton Ave., Irvine, CA 92617 Ph (949) 261-1228 Fax (949) 261-1228  
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 570-4667 Fax (909) 570-1046  
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689  
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 765-0043 Fax (480) 765-0851  
 2520 E. Sunset Rd., Suite 49, Las Vegas, NV 89120 Ph (702) 798-8820 Fax (702) 798-3621

**SUBCONTRACT ORDER - PROJECT # INE0228**

0234

**SENDING LABORATORY:**  
 Del Mar Analytical, Irvine  
 2852 Alton Parkway  
 Irvine, CA 92606  
 Phone: (949) 261-1022  
 Fax: (949) 261-1228  
 Project Manager: Amanda Cordova

**RECEIVING LABORATORY:**  
 Calscience-SUB  
 7440 Lincoln Way  
 Garden Grove, CA 92841  
 Phone :714-895-5494  
 Fax: 714-894-7501

**REVISED**

**Work Order Comments:** Please charge \$80 for 8081-Pesticides. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested ⇒ Due Date: \_\_\_\_\_ Initials: \_\_\_\_\_

Analysis	Expiration	Comments
----------	------------	----------

Sample ID: INE0228-02 Organic Lead	Soil 05/19/04 08:50	Sampled: 05/05/04 08:50 Composite of 5 Sub to Calscience
---------------------------------------	------------------------	--

**Containers Supplied:**  
 2 oz jar (INE0228-02F)  
 2 oz jar (INE0228-02G)  
 2 oz jar (INE0228-02H)  
 2 oz jar (INE0228-02I)  
 2 oz jar (INE0228-02J)

Sample ID: INE0228-05 Organic Lead	Soil 05/19/04 10:15	Sampled: 05/05/04 10:15 Composite of 3; Limited sample volume Sub to Calscience
---------------------------------------	------------------------	---

**Containers Supplied:**  
 2 oz jar (INE0228-05D)  
 2 oz jar (INE0228-05E)  
 2 oz jar (INE0228-05F)

Sample ID: INE0228-07 Organic Lead	Soil 05/19/04 10:40	Sampled: 05/05/04 10:40 Composite of 2 Sub to Calscience
---------------------------------------	------------------------	--

**Containers Supplied:**  
 2 oz jar (INE0228-07C)  
 2 oz jar (INE0228-07D)

**FAXED**  
5/6/04 15:35

Released By	Date	Time	Received By	Date	Time
	5/6/04				

Released By	Date	Time	Received By	Date	Time



NO. 247 P. 2  
 2852 Alton Ave., Irvine, CA 92618 Ph (949) 261-1228 Fax (949) 261-1228  
 1014 E. Cooley Dr., Suite A, Cotton, CA 92324 Ph (309) 370-4667 Fax (309) 370-1048  
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-0596 Fax (619) 505-9689  
 9630 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851  
 2590 E. Sunset Rd., Suite 20, Las Vegas, NV 89120 Ph (702) 796-3820 Fax (702) 796-3821

**SUBCONTRACT ORDER - PROJECT # INE0228**

0234

**SENDING LABORATORY:**  
 Del Mar Analytical, Irvine  
 2852 Alton Parkway  
 Irvine, CA 92606  
 Phone: (949) 261-1022  
 Fax: (949) 261-1228  
 Project Manager: Amanda Cordova

**RECEIVING LABORATORY:**  
 Calscience-SUB  
 7440 Lincoln Way  
 Garden Grove, CA 92841  
 Phone :714-895-5494  
 Fax: 714-894-7501

**Work Order Comments:** Please charge \$80 for 8081-Pesticides. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => Due Date: \_\_\_\_\_ Initials: \_\_\_\_\_

Analysis	Expiration	Comments
Sample ID: INE0228-11 Soil Organic Lead	Sampled: 05/05/04 14:35 05/19/04 14:35	Composite of 7 Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-11A) 1 B		
2 oz jar (INE0228-11B) 2 B		
2 oz jar (INE0228-11C) 3 B		
2 oz jar (INE0228-11D) 4 B		
2 oz jar (INE0228-11E) 5 B		
2 oz jar (INE0228-11F) 7 B		
2 oz jar (INE0228-11G) 8 B		

**SAMPLE INTEGRITY:**

All containers intact:  Yes  No  
 Sample labels/COC agree:  Yes  No  
 Custody Seals Present:  Yes  No  
 Samples Preserved Properly:  Yes  No  
 Samples Received On Ice:  Yes  No  
 Samples Received at (temp): \_\_\_\_\_

Released By: [Signature] Date: 5/6/04 Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Released By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

0234

## SUBCONTRACT ORDER - PROJECT # INE0228

**SENDING LABORATORY:**  
 Del Mar Analytical, Irvine  
 2852 Alton Parkway  
 Irvine, CA 92606  
 Phone: (949) 261-1022  
 Fax: (949) 261-1228  
 Project Manager: Amanda Cordova

**RECEIVING LABORATORY:**  
 Calscience-SUB  
 7440 Lincoln Way  
 Garden Grove, CA 92841  
 Phone :714-895-5494  
 Fax: 714-894-7501

**Work Order Comments:** Please charge \$80 for 8081-Pesticides. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => **Due Date:** \_\_\_\_\_ **Initials:** \_\_\_\_\_

Analysis	Expiration	Comments
<b>1</b> Sample ID: INE0228-02 Soil Organic Lead	Sampled: 05/05/04 08:50 05/19/04 08:50	Composite of 5 Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-02F) 2 oz jar (INE0228-02G) 2 oz jar (INE0228-02H) 2 oz jar (INE0228-02I) 2 oz jar (INE0228-02J)		
<b>2</b> Sample ID: INE0228-05 Soil Organic Lead	Sampled: 05/05/04 10:15 05/19/04 10:15	Composite of 3; Limited sample volume Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-05D) 2 oz jar (INE0228-05E) 2 oz jar (INE0228-05F)		
<b>3</b> Sample ID: INE0228-07 Soil Organic Lead	Sampled: 05/05/04 10:40 05/19/04 10:40	Composite of 2 Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-07C) 2 oz jar (INE0228-07D)		
<b>4</b> Sample ID: INE0228-11 Soil Organic Lead	Sampled: 05/05/04 13:15 05/19/04 13:15	Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-11B)		
<b>5</b> Sample ID: INE0228-12 Soil Organic Lead	Sampled: 05/05/04 13:30 05/19/04 13:30	Sub to Calscience
<b>Containers Supplied:</b>		
2 oz jar (INE0228-12B)		

Released By <i>[Signature]</i>	Date <i>5/6/04</i>	Time	Received By <i>[Signature]</i>	Date <i>5-6-04</i>	Time <i>9:15</i>
Released By <i>[Signature]</i>	Date <i>5-6-04</i>	Time <i>1045</i>	Received By <i>[Signature]</i>	Date <i>5-6-04</i>	Time <i>1045</i>

## SUBCONTRACT ORDER - PROJECT # INE0228

**SENDING LABORATORY:**

Del Mar Analytical, Irvine  
 2852 Alton Parkway  
 Irvine, CA 92606  
 Phone: (949) 261-1022  
 Fax: (949) 261-1228  
 Project Manager: Amanda Cordova

**RECEIVING LABORATORY:**

Calscience-SUB  
 7440 Lincoln Way  
 Garden Grove, CA 92841  
 Phone :714-895-5494  
 Fax: 714-894-7501

**Work Order Comments:** Please charge \$80 for 8081-Pesticides. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => **Due Date:** \_\_\_\_\_ **Initials:** \_\_\_\_\_

Analysis	Expiration	Comments
6 Sample ID: INE0228-13 Soil Organic Lead	Sampled: 05/05/04 13:35 05/19/04 13:35	Sub to Calscience
<b>Containers Supplied:</b> 2 oz jar (INE0228-13B)		
7 Sample ID: INE0228-14 Soil Organic Lead	Sampled: 05/05/04 14:00 05/19/04 14:00	Sub to Calscience
<b>Containers Supplied:</b> 2 oz jar (INE0228-14B)		
8 Sample ID: INE0228-16 Soil Organic Lead	Sampled: 05/05/04 14:05 05/19/04 14:05	Sub to Calscience
<b>Containers Supplied:</b> 2 oz jar (INE0228-16B)		
9 Sample ID: INE0228-17 Soil Organic Lead	Sampled: 05/05/04 14:25 05/19/04 14:25	Sub to Calscience
<b>Containers Supplied:</b> 2 oz jar (INE0228-17B)		
10 Sample ID: INE0228-18 Soil Organic Lead	Sampled: 05/05/04 14:35 05/19/04 14:35	Sub to Calscience
<b>Containers Supplied:</b> 2 oz jar (INE0228-18B)		

**SAMPLE INTEGRITY:**

All containers intact:  Yes  No      Sample labels/COC agree:  Yes  No      Samples Received On Ice:  Yes  No  
 Custody Seals Present:  Yes  No      Samples Preserved Properly:  Yes  No      Samples Received at (temp): \_\_\_\_\_

<i>[Signature]</i>	5/6/04	<i>[Signature]</i>	5604	915
Released By	Date	Received By	Date	Time
<i>[Signature]</i>	5-6-04	<i>[Signature]</i>	5-6-04	1045
Released By	Date	Received By	Date	Time

