



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: 06/14/04
 Received: 06/14/04
 Revised: 10/14/04 15:19

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, 2 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 4°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: Revised report per client's request to correct Sample I.D.'s.
 SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INF0844-01	PNL-PG1	Soil
INF0844-02	PNL-PC1	Soil
INF0844-03	PNL-PD1-4-EC	Soil
INF0844-04	PNL-PD1	Soil
INF0844-05	PNL-PE1-12-EC	Soil
INF0844-06	PNL-PE1-7-EC	Soil
INF0844-07	PNL-PE1	Soil
INF0844-08	PNL-PD1B	Soil
INF0844-09	PNL-PC1A	Soil

Reviewed By:

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
 Project Manager



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 Report Number: INF0844

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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
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	5.0	280	1	6/15/2004	6/15/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	15	ND	1	6/15/2004	6/15/2004	
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	5.0	9.8	1	6/15/2004	6/15/2004	M1
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	50	2600	10	6/15/2004	6/15/2004	
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	15	40	1	6/15/2004	6/15/2004	
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4F15049	30	1600	1	6/15/2004	6/15/2004	

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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	
Sample ID: INF0844-01 (PNL-PG1 - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16056	5.0	ND	1	6/16/2004	6/19/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16056	5.0	ND	1	6/16/2004	6/19/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16056	5.0	6.7	1	6/16/2004	6/19/2004		
Surrogate: n-Octacosane (50-125%)				75 %					
Sample ID: INF0844-02 (PNL-PC1 - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16064	5.0	ND	1	6/16/2004	6/18/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16064	5.0	11	1	6/16/2004	6/18/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16064	5.0	12	1	6/16/2004	6/18/2004		
Surrogate: n-Octacosane (50-125%)				112 %					
Sample ID: INF0844-04 (PNL-PD1 - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16064	5.0	ND	1	6/16/2004	6/18/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16064	5.0	16	1	6/16/2004	6/18/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16064	5.0	16	1	6/16/2004	6/18/2004		
Surrogate: n-Octacosane (50-125%)				94 %					
Sample ID: INF0844-07 (PNL-PE1 - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16064	250	ND	50	6/16/2004	6/22/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16064	250	1100	50	6/16/2004	6/22/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16064	250	1100	50	6/16/2004	6/22/2004		
Surrogate: n-Octacosane (50-125%)				178 %					Z3
Sample ID: INF0844-08 (PNL-PD1B - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16064	5.0	ND	1	6/16/2004	6/19/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16064	5.0	71	1	6/16/2004	6/19/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16064	5.0	26	1	6/16/2004	6/19/2004		
Surrogate: n-Octacosane (50-125%)				84 %					
Sample ID: INF0844-09 (PNL-PC1A - Soil)									
Reporting Units: mg/kg									
GRO (C6 - C12)	EPA 8015B MOD.	4F16064	100	ND	20	6/16/2004	6/22/2004		
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4F16064	100	1900	20	6/16/2004	6/22/2004		
EFH (C6 - C40)	EPA 8015B MOD.	4F16064	100	1900	20	6/16/2004	6/22/2004		
Surrogate: n-Octacosane (50-125%)				124 %					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
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Bromobenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Bromochloromethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Bromodichloromethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Bromoform	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Bromomethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
n-Butylbenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
sec-Butylbenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
tert-Butylbenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Carbon tetrachloride	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Chlorobenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Chloroethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Chloroform	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Chloromethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
2-Chlorotoluene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
4-Chlorotoluene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Dibromochloromethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Dibromomethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichlorobenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,3-Dichlorobenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,4-Dichlorobenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Dichlorodifluoromethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloroethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichloroethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloroethene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichloropropane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,3-Dichloropropane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
2,2-Dichloropropane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloropropene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Ethylbenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Hexachlorobutadiene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
Isopropylbenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
p-Isopropyltoluene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Methylene chloride	EPA 8260B	4F19012	20	ND	1	6/19/2004	6/19/2004	
Naphthalene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Styrene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Tetrachloroethene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Toluene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,1,1-Trichloroethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,1,2-Trichloroethane	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Trichloroethene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Trichlorofluoromethane	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
1,2,3-Trichloropropane	EPA 8260B	4F19012	10	ND	1	6/19/2004	6/19/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
Vinyl chloride	EPA 8260B	4F19012	5.0	ND	1	6/19/2004	6/19/2004	
o-Xylene	EPA 8260B	4F19012	2.0	ND	1	6/19/2004	6/19/2004	
m,p-Xylenes	EPA 8260B	4F19012	2.0	2.3	1	6/19/2004	6/19/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>104 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>104 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>100 %</i>				

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Bromobenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Bromochloromethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Bromodichloromethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Bromoform	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Bromomethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
n-Butylbenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
sec-Butylbenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
tert-Butylbenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Carbon tetrachloride	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Chlorobenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Chloroethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Chloroform	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Chloromethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
2-Chlorotoluene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
4-Chlorotoluene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Dibromochloromethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F17014	5.0	5.9	1	6/17/2004	6/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Dibromomethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Dichlorodifluoromethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
1,1-Dichloroethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,2-Dichloroethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,1-Dichloroethene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,2-Dichloropropane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,3-Dichloropropane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
2,2-Dichloropropane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,1-Dichloropropene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Ethylbenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Hexachlorobutadiene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
Isopropylbenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
p-Isopropyltoluene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Methylene chloride	EPA 8260B	4F17014	20	ND	1	6/17/2004	6/18/2004	
Naphthalene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-02 (PNL-PC1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Styrene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Tetrachloroethene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Toluene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Trichloroethene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Trichlorofluoromethane	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4F17014	10	ND	1	6/17/2004	6/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
Vinyl chloride	EPA 8260B	4F17014	5.0	ND	1	6/17/2004	6/18/2004	
o-Xylene	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
m,p-Xylenes	EPA 8260B	4F17014	2.0	ND	1	6/17/2004	6/18/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				96 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				106 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				99 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

 Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Bromobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromochloromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromodichloromethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Bromoform	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromomethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
n-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
sec-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
tert-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Carbon tetrachloride	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Chlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Chloroethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Chloroform	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Chloromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
2-Chlorotoluene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
4-Chlorotoluene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Dibromochloromethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Dibromomethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Dichlorodifluoromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
2,2-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Ethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Hexachlorobutadiene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	M2
Isopropylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
p-Isopropyltoluene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Methylene chloride	EPA 8260B	4F18020	20	ND	1	6/18/2004	6/18/2004	
Naphthalene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	

Del Mar Analytical, Irvine
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Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-04 (PNL-PD1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Styrene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Tetrachloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Toluene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Trichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Trichlorofluoromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4F18020	10	ND	1	6/18/2004	6/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Vinyl chloride	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
o-Xylene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
m,p-Xylenes	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				98 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				108 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				99 %				

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Bromobenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Bromochloromethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Bromodichloromethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Bromoform	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Bromomethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
n-Butylbenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
sec-Butylbenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
tert-Butylbenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Carbon tetrachloride	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Chlorobenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Chloroethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Chloroform	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Chloromethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
2-Chlorotoluene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
4-Chlorotoluene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
Dibromochloromethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Dibromomethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichlorobenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,3-Dichlorobenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,4-Dichlorobenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Dichlorodifluoromethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloroethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichloroethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloroethene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,2-Dichloropropane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,3-Dichloropropane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
2,2-Dichloropropane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,1-Dichloropropene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Ethylbenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Hexachlorobutadiene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	M2
Isopropylbenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
p-Isopropyltoluene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Methylene chloride	EPA 8260B	4F19003	20	ND	1	6/19/2004	6/19/2004	
Naphthalene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-07 (PNL-PE1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Styrene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Tetrachloroethene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Toluene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	M2
1,2,4-Trichlorobenzene	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	M2
1,1,1-Trichloroethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,1,2-Trichloroethane	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Trichloroethene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Trichlorofluoromethane	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
1,2,3-Trichloropropane	EPA 8260B	4F19003	10	ND	1	6/19/2004	6/19/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
Vinyl chloride	EPA 8260B	4F19003	5.0	ND	1	6/19/2004	6/19/2004	
o-Xylene	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
m,p-Xylenes	EPA 8260B	4F19003	2.0	ND	1	6/19/2004	6/19/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>								115 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								106 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								100 %

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Bromobenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Bromochloromethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Bromodichloromethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Bromoform	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Bromomethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
n-Butylbenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
sec-Butylbenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
tert-Butylbenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Carbon tetrachloride	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Chlorobenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Chloroethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Chloroform	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Chloromethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
2-Chlorotoluene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
4-Chlorotoluene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Dibromochloromethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Dibromomethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Dichlorodifluoromethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloroethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloropropane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichloropropane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
2,2-Dichloropropane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloropropene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Ethylbenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Hexachlorobutadiene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
Isopropylbenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
p-Isopropyltoluene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Methylene chloride	EPA 8260B	4F18005	20	ND	1	6/18/2004	6/18/2004	
Naphthalene	EPA 8260B	4F18005	5.0	7.8	1	6/18/2004	6/18/2004	

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-08 (PNL-PD1B - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Styrene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Tetrachloroethene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Toluene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Trichloroethene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Trichlorofluoromethane	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4F18005	10	ND	1	6/18/2004	6/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
Vinyl chloride	EPA 8260B	4F18005	5.0	ND	1	6/18/2004	6/18/2004	
o-Xylene	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
m,p-Xylenes	EPA 8260B	4F18005	2.0	ND	1	6/18/2004	6/18/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				98 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				103 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				103 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

 Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Bromobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromochloromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromodichloromethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Bromoform	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Bromomethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
n-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
sec-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
tert-Butylbenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Carbon tetrachloride	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Chlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Chloroethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Chloroform	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Chloromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
2-Chlorotoluene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
4-Chlorotoluene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Dibromochloromethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Dibromomethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Dichlorodifluoromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloroethene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
2,2-Dichloropropane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Ethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Hexachlorobutadiene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
Isopropylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
p-Isopropyltoluene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Methylene chloride	EPA 8260B	4F18020	20	ND	1	6/18/2004	6/18/2004	
Naphthalene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	

Del Mar Analytical, Irvine
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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-09 (PNL-PC1A - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Styrene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Tetrachloroethene	EPA 8260B	4F18020	2.0	7.8	1	6/18/2004	6/18/2004	
Toluene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Trichloroethene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Trichlorofluoromethane	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4F18020	10	ND	1	6/18/2004	6/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
Vinyl chloride	EPA 8260B	4F18020	5.0	ND	1	6/18/2004	6/18/2004	
o-Xylene	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
m,p-Xylenes	EPA 8260B	4F18020	2.0	ND	1	6/18/2004	6/18/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>105 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>109 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>102 %</i>				

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-03 (PNL-PD1-4-EC - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Bromobenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Bromochloromethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Bromodichloromethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Bromoform	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Bromomethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
n-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
sec-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
tert-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Carbon tetrachloride	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Chlorobenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Chloroethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Chloroform	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Chloromethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
2-Chlorotoluene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
4-Chlorotoluene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Dibromochloromethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Dibromomethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Dichlorodifluoromethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,1-Dichloroethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,2-Dichloroethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,1-Dichloroethene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,2-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,3-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
2,2-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,1-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Ethylbenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
Isopropylbenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
p-Isopropyltoluene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Methylene chloride	EPA 8260B	4F16018	20	ND	0.975	6/16/2004	6/17/2004	
Naphthalene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-03 (PNL-PD1-4-EC - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Styrene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Tetrachloroethene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Toluene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,1,1-Trichloroethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,1,2-Trichloroethane	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Trichloroethene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Trichlorofluoromethane	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
1,2,3-Trichloropropane	EPA 8260B	4F16018	10	ND	0.975	6/16/2004	6/17/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
Vinyl chloride	EPA 8260B	4F16018	5.0	ND	0.975	6/16/2004	6/17/2004	
o-Xylene	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
m,p-Xylenes	EPA 8260B	4F16018	2.0	ND	0.975	6/16/2004	6/17/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				109 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				103 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				98 %				

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-05 (PNL-PE1-12-EC - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Bromobenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Bromochloromethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Bromodichloromethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Bromoform	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Bromomethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
n-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
sec-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
tert-Butylbenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Carbon tetrachloride	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Chlorobenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Chloroethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Chloroform	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Chloromethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
2-Chlorotoluene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
4-Chlorotoluene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Dibromochloromethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Dibromomethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Dichlorodifluoromethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,1-Dichloroethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,2-Dichloroethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,1-Dichloroethene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,2-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,3-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
2,2-Dichloropropane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,1-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Ethylbenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
Isopropylbenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
p-Isopropyltoluene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Methylene chloride	EPA 8260B	4F16018	20	ND	0.952	6/16/2004	6/17/2004	
Naphthalene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-05 (PNL-PE1-12-EC - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Styrene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Tetrachloroethene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Toluene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,1,1-Trichloroethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,1,2-Trichloroethane	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Trichloroethene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Trichlorofluoromethane	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
1,2,3-Trichloropropane	EPA 8260B	4F16018	10	ND	0.952	6/16/2004	6/17/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
Vinyl chloride	EPA 8260B	4F16018	5.0	ND	0.952	6/16/2004	6/17/2004	
o-Xylene	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
m,p-Xylenes	EPA 8260B	4F16018	2.0	ND	0.952	6/16/2004	6/17/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>108 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>103 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>95 %</i>				

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-06 (PNL-PE1-7-EC - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Bromobenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Bromochloromethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Bromodichloromethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Bromoform	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Bromomethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
n-Butylbenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
sec-Butylbenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
tert-Butylbenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Carbon tetrachloride	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Chlorobenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Chloroethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Chloroform	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Chloromethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
2-Chlorotoluene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
4-Chlorotoluene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Dibromochloromethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Dibromomethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Dichlorodifluoromethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,1-Dichloroethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,2-Dichloroethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,1-Dichloroethene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
cis-1,2-Dichloroethene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
trans-1,2-Dichloroethene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,2-Dichloropropane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,3-Dichloropropane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
2,2-Dichloropropane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,1-Dichloropropene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
cis-1,3-Dichloropropene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
trans-1,3-Dichloropropene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Ethylbenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
Isopropylbenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
p-Isopropyltoluene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Methylene chloride	EPA 8260B	4F16018	17	ND	0.85	6/16/2004	6/17/2004	
Naphthalene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	

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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-06 (PNL-PE1-7-EC - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Styrene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Tetrachloroethene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Toluene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,1,1-Trichloroethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,1,2-Trichloroethane	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Trichloroethene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Trichlorofluoromethane	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
1,2,3-Trichloropropane	EPA 8260B	4F16018	8.5	ND	0.85	6/16/2004	6/17/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
Vinyl chloride	EPA 8260B	4F16018	4.3	ND	0.85	6/16/2004	6/17/2004	
o-Xylene	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
m,p-Xylenes	EPA 8260B	4F16018	1.7	ND	0.85	6/16/2004	6/17/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				99 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				103 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				97 %				

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Project ID: Ascon - Soils
SB0202/31
Report Number: INF0844

Sampled: 06/14/04
Received: 06/14/04

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: INF0844-01 (PNL-PG1 - Soil)								RL-1
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Acenaphthylene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Aniline	EPA 8270C	4F16034	830	ND	2	6/16/2004	6/17/2004	
Anthracene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzidine	EPA 8270C	4F16034	1300	ND	2	6/16/2004	6/17/2004	M2
Benzoic acid	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Benzyl alcohol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	330	ND	2	6/16/2004	6/17/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	M1
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Chloroaniline	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Chlorophenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Chrysene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	830	ND	2	6/16/2004	6/17/2004	
Dibenzofuran	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Diethyl phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Dimethyl phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	830	ND	2	6/16/2004	6/17/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	830	ND	2	6/16/2004	6/17/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Fluoranthene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	

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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: INF0844-01 (PNL-PG1 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	RL-1
Hexachlorobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
Hexachloroethane	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Isophorone	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Methylphenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Methylphenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Naphthalene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Nitroaniline	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
3-Nitroaniline	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Nitroaniline	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
Nitrobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2-Nitrophenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
4-Nitrophenol	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	500	ND	2	6/16/2004	6/17/2004	
Pentachlorophenol	EPA 8270C	4F16034	1700	ND	2	6/16/2004	6/17/2004	
Phenanthrene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Phenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Pyrene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	M1
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	670	ND	2	6/16/2004	6/17/2004	
Surrogate: 2-Fluorophenol (25-120%)				79 %				
Surrogate: Phenol-d6 (30-120%)				77 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				80 %				
Surrogate: Nitrobenzene-d5 (30-120%)				78 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				84 %				
Surrogate: Terphenyl-d14 (35-155%)				101 %				

Del Mar Analytical, Irvine
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 SB0202/31
 Report Number: INF0844

 Sampled: 06/14/04
 Received: 06/14/04

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: INF0844-02 (PNL-PC1 - Soil)								RL-1
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Acenaphthylene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Aniline	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/17/2004	
Anthracene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzidine	EPA 8270C	4F16034	990	ND	1.5	6/16/2004	6/17/2004	
Benzoic acid	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Benzyl alcohol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	250	ND	1.5	6/16/2004	6/17/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Chloroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Chlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Chrysene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/17/2004	
Dibenzofuran	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Diethyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Dimethyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/17/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/17/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	

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 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
SB0202/31
Report Number: INF0844

Sampled: 06/14/04
Received: 06/14/04

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: INF0844-02 (PNL-PC1 - Soil) - cont.								RL-1
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Hexachlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
Hexachloroethane	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Isophorone	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Naphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Nitroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
3-Nitroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Nitroaniline	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
Nitrobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2-Nitrophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
4-Nitrophenol	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	380	ND	1.5	6/16/2004	6/17/2004	
Pentachlorophenol	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/17/2004	
Phenanthrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Phenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/17/2004	
Surrogate: 2-Fluorophenol (25-120%)								76 %
Surrogate: Phenol-d6 (30-120%)								75 %
Surrogate: 2,4,6-Tribromophenol (35-120%)								81 %
Surrogate: Nitrobenzene-d5 (30-120%)								73 %
Surrogate: 2-Fluorobiphenyl (35-120%)								76 %
Surrogate: Terphenyl-d14 (35-155%)								84 %

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Project ID: Ascon - Soils
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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: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Acenaphthylene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Aniline	EPA 8270C	4F16034	420	ND	1	6/16/2004	6/17/2004	
Anthracene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzidine	EPA 8270C	4F16034	660	ND	1	6/16/2004	6/17/2004	
Benzoic acid	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Benzyl alcohol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	170	ND	1	6/16/2004	6/17/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Chloroaniline	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Chlorophenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Chrysene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	420	ND	1	6/16/2004	6/17/2004	
Dibenzofuran	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Diethyl phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Dimethyl phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	420	ND	1	6/16/2004	6/17/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	420	ND	1	6/16/2004	6/17/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Fluoranthene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	

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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: INF0844-04 (PNL-PD1 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Hexachlorobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
Hexachloroethane	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Isophorone	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Methylphenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Methylphenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Naphthalene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Nitroaniline	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
3-Nitroaniline	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Nitroaniline	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
Nitrobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2-Nitrophenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
4-Nitrophenol	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	250	ND	1	6/16/2004	6/17/2004	
Pentachlorophenol	EPA 8270C	4F16034	830	ND	1	6/16/2004	6/17/2004	
Phenanthrene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Phenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Pyrene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	330	ND	1	6/16/2004	6/17/2004	
Surrogate: 2-Fluorophenol (25-120%)				76 %				
Surrogate: Phenol-d6 (30-120%)				74 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				80 %				
Surrogate: Nitrobenzene-d5 (30-120%)				78 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				77 %				
Surrogate: Terphenyl-d14 (35-155%)				89 %				

Del Mar Analytical, Irvine
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Sampled: 06/14/04
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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: INF0844-07 (PNL-PE1 - Soil)								RL-1
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Acenaphthylene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Aniline	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
Anthracene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzidine	EPA 8270C	4F16034	9900	ND	15	6/16/2004	6/18/2004	
Benzoic acid	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzyl alcohol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	2500	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chloroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Chlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Chrysene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
Dibenzofuran	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Diethyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Dimethyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
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 Huntington Beach, CA 92648
 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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: INF0844-07 (PNL-PE1 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	RL-1
Hexachlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Hexachloroethane	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Isophorone	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Naphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Nitroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
3-Nitroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Nitroaniline	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Nitrobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Nitrophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Nitrophenol	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	3800	ND	15	6/16/2004	6/18/2004	
Pentachlorophenol	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Phenanthrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Phenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Surrogate: 2-Fluorophenol (25-120%)				59 %				
Surrogate: Phenol-d6 (30-120%)				52 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				60 %				
Surrogate: Nitrobenzene-d5 (30-120%)				54 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				57 %				
Surrogate: Terphenyl-d14 (35-155%)				82 %				

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SB0202/31
Report Number: INF0844

Sampled: 06/14/04
Received: 06/14/04

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: INF0844-08 (PNL-PD1B - Soil)								RL-1
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Acenaphthylene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Aniline	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/18/2004	
Anthracene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzidine	EPA 8270C	4F16034	990	ND	1.5	6/16/2004	6/18/2004	
Benzoic acid	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Benzyl alcohol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	250	ND	1.5	6/16/2004	6/18/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Chloroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Chlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Chrysene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/18/2004	
Dibenzofuran	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Diethyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Dimethyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/18/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	630	ND	1.5	6/16/2004	6/18/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Fluoranthene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	

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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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: INF0844-08 (PNL-PD1B - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	RL-1
Hexachlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
Hexachloroethane	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Isophorone	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Methylphenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Naphthalene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Nitroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
3-Nitroaniline	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Nitroaniline	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
Nitrobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2-Nitrophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
4-Nitrophenol	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	380	ND	1.5	6/16/2004	6/18/2004	
Pentachlorophenol	EPA 8270C	4F16034	1200	ND	1.5	6/16/2004	6/18/2004	
Phenanthrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Phenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Pyrene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	500	ND	1.5	6/16/2004	6/18/2004	
Surrogate: 2-Fluorophenol (25-120%)								71 %
Surrogate: Phenol-d6 (30-120%)								69 %
Surrogate: 2,4,6-Tribromophenol (35-120%)								77 %
Surrogate: Nitrobenzene-d5 (30-120%)								69 %
Surrogate: 2-Fluorobiphenyl (35-120%)								70 %
Surrogate: Terphenyl-d14 (35-155%)								82 %

Del Mar Analytical, Irvine
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 Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

 Sampled: 06/14/04
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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: INF0844-09 (PNL-PC1A - Soil)								RL-1
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Acenaphthylene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Aniline	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
Anthracene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzidine	EPA 8270C	4F16034	9900	ND	15	6/16/2004	6/18/2004	
Benzoic acid	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Benzo(a)anthracene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(b)fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(k)fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(g,h,i)perylene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzo(a)pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Benzyl alcohol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4F16034	2500	ND	15	6/16/2004	6/18/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Butyl benzyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chloroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Chloronaphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chloro-3-methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Chlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Chrysene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Dibenz(a,h)anthracene	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
Dibenzofuran	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Di-n-butyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,3-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,4-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2-Dichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
3,3-Dichlorobenzidine	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
2,4-Dichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Diethyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4-Dimethylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Dimethyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
2,4-Dinitrophenol	EPA 8270C	4F16034	6300	ND	15	6/16/2004	6/18/2004	
2,4-Dinitrotoluene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,6-Dinitrotoluene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Di-n-octyl phthalate	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Fluoranthene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	

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 Project ID: Ascon - Soils
 SB0202/31
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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: INF0844-09 (PNL-PC1A - Soil) - cont.								RL-1
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Hexachlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Hexachlorobutadiene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Hexachlorocyclopentadiene	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Hexachloroethane	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Isophorone	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Methylnaphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Methylphenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Naphthalene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Nitroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
3-Nitroaniline	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Nitroaniline	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Nitrobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2-Nitrophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
4-Nitrophenol	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
N-Nitrosodiphenylamine	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4F16034	3800	ND	15	6/16/2004	6/18/2004	
Pentachlorophenol	EPA 8270C	4F16034	12000	ND	15	6/16/2004	6/18/2004	
Phenanthrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Phenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Pyrene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4,5-Trichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
2,4,6-Trichlorophenol	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4F16034	5000	ND	15	6/16/2004	6/18/2004	
Surrogate: 2-Fluorophenol (25-120%)				63 %				
Surrogate: Phenol-d6 (30-120%)				58 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				74 %				
Surrogate: Nitrobenzene-d5 (30-120%)				58 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				66 %				
Surrogate: Terphenyl-d14 (35-155%)				94 %				

Del Mar Analytical, Irvine
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Geosyntec Consultants/Project Navigator - Ascon
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 Huntington Beach, CA 92648
 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
alpha-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
beta-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
delta-BHC	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/19/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Chlordane	EPA 3545/8081A	4F15072	50	61	1	6/15/2004	6/19/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2, M2
Dieldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan I	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan II	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/19/2004	
Endrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endrin ketone	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Methoxychlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	200	ND	1	6/15/2004	6/19/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				60 %				
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				58 %				

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 Received: 06/14/04

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
alpha-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
beta-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
delta-BHC	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/17/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Chlordane	EPA 3545/8081A	4F15072	50	ND	1	6/15/2004	6/17/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	C-2
Dieldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Endosulfan I	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Endosulfan II	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/17/2004	
Endrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Endrin ketone	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	
Methoxychlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/17/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	200	ND	1	6/15/2004	6/17/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>								77 %
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>								64 %

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 SB0202/31
 Report Number: INF0844

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 Received: 06/14/04

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
alpha-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
beta-BHC	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
delta-BHC	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/19/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Chlordane	EPA 3545/8081A	4F15072	50	ND	1	6/15/2004	6/19/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Dieldrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan I	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan II	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	10	ND	1	6/15/2004	6/19/2004	
Endrin	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Endrin ketone	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	
Methoxychlor	EPA 3545/8081A	4F15072	5.0	ND	1	6/15/2004	6/19/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	200	ND	1	6/15/2004	6/19/2004	
Surrogate: Tetrachloro- <i>m</i> -xylene (35-115%)				50 %				
Surrogate: Decachlorobiphenyl (45-125%)				53 %				

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
alpha-BHC	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
beta-BHC	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
delta-BHC	EPA 3545/8081A	4F15072	25	ND	2.5	6/15/2004	6/19/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Chlordane	EPA 3545/8081A	4F15072	120	ND	2.5	6/15/2004	6/19/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	12	27	2.5	6/15/2004	6/19/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	12	17	2.5	6/15/2004	6/19/2004	C-2, R-1
Dieldrin	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Endosulfan I	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Endosulfan II	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	25	ND	2.5	6/15/2004	6/19/2004	
Endrin	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Endrin ketone	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	
Methoxychlor	EPA 3545/8081A	4F15072	12	ND	2.5	6/15/2004	6/19/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	500	ND	2.5	6/15/2004	6/19/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				<i>184 %</i>				<i>ZX</i>
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				<i>51 %</i>				

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Sampled: 06/14/04
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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
alpha-BHC	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
beta-BHC	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
delta-BHC	EPA 3545/8081A	4F15072	15	ND	1.5	6/15/2004	6/17/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Chlordane	EPA 3545/8081A	4F15072	75	ND	1.5	6/15/2004	6/17/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Dieldrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan I	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan II	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	15	ND	1.5	6/15/2004	6/17/2004	
Endrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endrin ketone	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Methoxychlor	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	300	ND	1.5	6/15/2004	6/17/2004	
Surrogate: Tetrachloro- <i>m</i> -xylene (35-115%)				176 %				Z2
Surrogate: Decachlorobiphenyl (45-125%)				51 %				

Del Mar Analytical, Irvine
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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-09 (PNL-PC1A - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
alpha-BHC	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
beta-BHC	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
delta-BHC	EPA 3545/8081A	4F15072	15	ND	1.5	6/15/2004	6/17/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Chlordane	EPA 3545/8081A	4F15072	75	ND	1.5	6/15/2004	6/17/2004	
4,4'-DDD	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
4,4'-DDT	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Dieldrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan I	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan II	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endosulfan sulfate	EPA 3545/8081A	4F15072	15	ND	1.5	6/15/2004	6/17/2004	
Endrin	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endrin aldehyde	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Endrin ketone	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Heptachlor	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	
Methoxychlor	EPA 3545/8081A	4F15072	7.5	ND	1.5	6/15/2004	6/17/2004	C-2
Toxaphene	EPA 3545/8081A	4F15072	300	ND	1.5	6/15/2004	6/17/2004	
Surrogate: Tetrachloro- <i>m</i> -xylene (35-115%)				*				Z
Surrogate: Decachlorobiphenyl (45-125%)				43 %				Z

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1221	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1232	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1242	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1248	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1254	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Aroclor 1260	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/22/2004	
Surrogate: Decachlorobiphenyl (45-125%)				76 %				
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1221	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1232	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1242	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1248	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1254	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Aroclor 1260	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/17/2004	
Surrogate: Decachlorobiphenyl (45-125%)				72 %				
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1221	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1232	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1242	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1248	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1254	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Aroclor 1260	EPA 3545/8082	4F15072	50	ND	1	6/15/2004	6/18/2004	
Surrogate: Decachlorobiphenyl (45-125%)				80 %				

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1221	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1232	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1242	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1248	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1254	EPA 3545/8082	4F15072	120	ND	2.5	6/15/2004	6/18/2004	
Aroclor 1260	EPA 3545/8082	4F15072	120	150	2.5	6/15/2004	6/18/2004	
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				91 %				
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1221	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1232	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1242	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1248	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1254	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1260	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				78 %				
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1221	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1232	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1242	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1248	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
Aroclor 1254	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	C-7
Aroclor 1260	EPA 3545/8082	4F15072	75	ND	1.5	6/15/2004	6/22/2004	
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				56 %				

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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Arsenic	EPA 6010B	4F15070	2.0	7.6	1	6/15/2004	6/17/2004	
Barium	EPA 6010B	4F15070	1.0	110	1	6/15/2004	6/17/2004	
Beryllium	EPA 6010B	4F15070	0.50	0.75	1	6/15/2004	6/17/2004	
Cadmium	EPA 6010B	4F15070	0.50	ND	1	6/15/2004	6/17/2004	
Chromium	EPA 6010B	4F15070	1.0	21	1	6/15/2004	6/17/2004	
Cobalt	EPA 6010B	4F15070	1.0	7.4	1	6/15/2004	6/17/2004	
Copper	EPA 6010B	4F15070	2.0	22	1	6/15/2004	6/17/2004	
Lead	EPA 6010B	4F15070	2.0	9.3	1	6/15/2004	6/17/2004	
Mercury	EPA 7471A	4F15062	0.020	0.038	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	2.0	2.6	1	6/15/2004	6/17/2004	
Nickel	EPA 6010B	4F15070	2.0	14	1	6/15/2004	6/17/2004	
Selenium	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Silver	EPA 6010B	4F15070	1.0	ND	1	6/15/2004	6/17/2004	
Thallium	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Vanadium	EPA 6010B	4F15070	1.0	41	1	6/15/2004	6/17/2004	
Zinc	EPA 6010B	4F15070	5.0	56	1	6/15/2004	6/17/2004	

Sample ID: INF0844-02 (PNL-PC1 - Soil)

Reporting Units: mg/kg

Antimony	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Arsenic	EPA 6010B	4F15070	2.0	16	1	6/15/2004	6/17/2004	
Barium	EPA 6010B	4F15070	1.0	76	1	6/15/2004	6/17/2004	
Beryllium	EPA 6010B	4F15070	0.50	0.53	1	6/15/2004	6/17/2004	
Cadmium	EPA 6010B	4F15070	0.50	ND	1	6/15/2004	6/17/2004	
Chromium	EPA 6010B	4F15070	1.0	19	1	6/15/2004	6/17/2004	
Cobalt	EPA 6010B	4F15070	1.0	4.2	1	6/15/2004	6/17/2004	
Copper	EPA 6010B	4F15070	2.0	13	1	6/15/2004	6/17/2004	
Lead	EPA 6010B	4F15070	2.0	5.5	1	6/15/2004	6/17/2004	
Mercury	EPA 7471A	4F15062	0.020	ND	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Nickel	EPA 6010B	4F15070	2.0	8.3	1	6/15/2004	6/17/2004	
Selenium	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Silver	EPA 6010B	4F15070	1.0	ND	1	6/15/2004	6/17/2004	
Thallium	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Vanadium	EPA 6010B	4F15070	1.0	30	1	6/15/2004	6/17/2004	
Zinc	EPA 6010B	4F15070	5.0	34	1	6/15/2004	6/17/2004	

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 Report Number: INF0844

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4F15070	20	ND	2	6/15/2004	6/18/2004	RL-1
Arsenic	EPA 6010B	4F15070	4.0	12	2	6/15/2004	6/18/2004	
Barium	EPA 6010B	4F15070	2.0	130	2	6/15/2004	6/18/2004	
Beryllium	EPA 6010B	4F15070	1.0	ND	2	6/15/2004	6/18/2004	RL-1
Cadmium	EPA 6010B	4F15070	1.0	ND	2	6/15/2004	6/18/2004	RL-1
Chromium	EPA 6010B	4F15070	2.0	27	2	6/15/2004	6/18/2004	
Cobalt	EPA 6010B	4F15070	2.0	7.6	2	6/15/2004	6/18/2004	
Copper	EPA 6010B	4F15070	4.0	23	2	6/15/2004	6/18/2004	
Lead	EPA 6010B	4F15070	4.0	11	2	6/15/2004	6/18/2004	
Mercury	EPA 7471A	4F15062	0.020	0.032	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	4.0	ND	2	6/15/2004	6/18/2004	RL-1
Nickel	EPA 6010B	4F15070	4.0	15	2	6/15/2004	6/18/2004	
Selenium	EPA 6010B	4F15070	4.0	ND	2	6/15/2004	6/18/2004	RL-1
Silver	EPA 6010B	4F15070	2.0	ND	2	6/15/2004	6/18/2004	RL-1
Thallium	EPA 6010B	4F15070	20	ND	2	6/15/2004	6/18/2004	RL-1
Vanadium	EPA 6010B	4F15070	2.0	49	2	6/15/2004	6/18/2004	
Zinc	EPA 6010B	4F15070	10	62	2	6/15/2004	6/18/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4F15070	20	ND	2	6/15/2004	6/18/2004	RL-1
Arsenic	EPA 6010B	4F15070	4.0	7.5	2	6/15/2004	6/18/2004	
Barium	EPA 6010B	4F15070	2.0	160	2	6/15/2004	6/18/2004	
Beryllium	EPA 6010B	4F15070	1.0	ND	2	6/15/2004	6/18/2004	RL-1
Cadmium	EPA 6010B	4F15070	1.0	ND	2	6/15/2004	6/18/2004	RL-1
Chromium	EPA 6010B	4F15070	2.0	27	2	6/15/2004	6/18/2004	
Cobalt	EPA 6010B	4F15070	2.0	9.2	2	6/15/2004	6/18/2004	
Copper	EPA 6010B	4F15070	4.0	24	2	6/15/2004	6/18/2004	
Lead	EPA 6010B	4F15070	4.0	18	2	6/15/2004	6/18/2004	
Mercury	EPA 7471A	4F15062	0.020	0.045	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	4.0	ND	2	6/15/2004	6/18/2004	RL-1
Nickel	EPA 6010B	4F15070	4.0	19	2	6/15/2004	6/18/2004	
Selenium	EPA 6010B	4F15070	4.0	ND	2	6/15/2004	6/18/2004	RL-1
Silver	EPA 6010B	4F15070	2.0	ND	2	6/15/2004	6/18/2004	RL-1
Thallium	EPA 6010B	4F15070	20	ND	2	6/15/2004	6/18/2004	RL-1
Vanadium	EPA 6010B	4F15070	2.0	52	2	6/15/2004	6/18/2004	
Zinc	EPA 6010B	4F15070	10	74	2	6/15/2004	6/18/2004	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Arsenic	EPA 6010B	4F15070	2.0	7.5	1	6/15/2004	6/17/2004	
Barium	EPA 6010B	4F15070	1.0	69	1	6/15/2004	6/17/2004	
Beryllium	EPA 6010B	4F15070	0.50	ND	1	6/15/2004	6/17/2004	
Cadmium	EPA 6010B	4F15070	0.50	ND	1	6/15/2004	6/17/2004	
Chromium	EPA 6010B	4F15070	1.0	15	1	6/15/2004	6/17/2004	
Cobalt	EPA 6010B	4F15070	1.0	3.8	1	6/15/2004	6/17/2004	
Copper	EPA 6010B	4F15070	2.0	9.4	1	6/15/2004	6/17/2004	
Lead	EPA 6010B	4F15070	2.0	5.4	1	6/15/2004	6/17/2004	
Mercury	EPA 7471A	4F15062	0.020	0.031	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	2.0	2.0	1	6/15/2004	6/17/2004	
Nickel	EPA 6010B	4F15070	2.0	8.1	1	6/15/2004	6/17/2004	
Selenium	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Silver	EPA 6010B	4F15070	1.0	ND	1	6/15/2004	6/17/2004	
Thallium	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Vanadium	EPA 6010B	4F15070	1.0	25	1	6/15/2004	6/17/2004	
Zinc	EPA 6010B	4F15070	5.0	34	1	6/15/2004	6/17/2004	

Sample ID: INF0844-09 (PNL-PC1A - Soil)

Reporting Units: mg/kg

Antimony	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Arsenic	EPA 6010B	4F15070	2.0	24	1	6/15/2004	6/17/2004	
Barium	EPA 6010B	4F15070	1.0	120	1	6/15/2004	6/17/2004	
Beryllium	EPA 6010B	4F15070	0.50	0.81	1	6/15/2004	6/17/2004	
Cadmium	EPA 6010B	4F15070	0.50	ND	1	6/15/2004	6/17/2004	
Chromium	EPA 6010B	4F15070	1.0	28	1	6/15/2004	6/17/2004	
Cobalt	EPA 6010B	4F15070	1.0	9.3	1	6/15/2004	6/17/2004	
Copper	EPA 6010B	4F15070	2.0	26	1	6/15/2004	6/17/2004	
Lead	EPA 6010B	4F15070	2.0	10	1	6/15/2004	6/17/2004	
Mercury	EPA 7471A	4F15062	0.020	0.081	1	6/15/2004	6/15/2004	
Molybdenum	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Nickel	EPA 6010B	4F15070	2.0	16	1	6/15/2004	6/17/2004	
Selenium	EPA 6010B	4F15070	2.0	ND	1	6/15/2004	6/17/2004	
Silver	EPA 6010B	4F15070	1.0	ND	1	6/15/2004	6/17/2004	
Thallium	EPA 6010B	4F15070	10	ND	1	6/15/2004	6/17/2004	
Vanadium	EPA 6010B	4F15070	1.0	50	1	6/15/2004	6/17/2004	
Zinc	EPA 6010B	4F15070	5.0	73	1	6/15/2004	6/17/2004	

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ORGANIC LEAD BY GFAA (HML 939-M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	50	ND	1	6/21/2004	6/24/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	50	ND	1	6/21/2004	6/24/2004	
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	50	ND	1	6/21/2004	6/24/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	250	ND	5	6/21/2004	6/24/2004	RL-1
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	50	ND	1	6/21/2004	6/24/2004	
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4F21080	50	ND	1	6/21/2004	6/24/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	ND	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	5.0	9.6	1	6/17/2004	6/17/2004	
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-01 (PNL-PG1 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	7.86	1	6/15/2004	6/15/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	ND	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	5.0	ND	1	6/17/2004	6/17/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-02 (PNL-PC1 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	8.03	1	6/15/2004	6/15/2004	
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	0.20	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	5.0	45	1	6/17/2004	6/17/2004	M2
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: N/A								
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-04 (PNL-PD1 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	8.07	1	6/15/2004	6/15/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	ND	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	100	4400	20	6/17/2004	6/17/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-07 (PNL-PE1 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	8.01	1	6/15/2004	6/15/2004	
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	ND	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	10	150	2	6/17/2004	6/17/2004	
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-08 (PNL-PD1B - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	10.5	1	6/15/2004	6/15/2004	

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 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F16075	0.20	ND	1	6/16/2004	6/22/2004	
Oil & Grease	EPA 413.2 MOD.	4F17051	10	2100	2	6/17/2004	6/17/2004	
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4F22083	NA	Not Present	1	6/22/2004	6/22/2004	
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4F23042	NA	Not Ignitable	1	6/23/2004	6/23/2004	
Reactivity with water	SW846 7.3.2.1	4F22081	1.0	ND	1	6/22/2004	6/22/2004	
Sample ID: INF0844-09 (PNL-PC1A - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F15061	NA	7.77	1	6/15/2004	6/15/2004	

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SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-PG1 (INF0844-01) - Soil EPA 9045C	1	06/14/2004 10:27	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30
Sample ID: PNL-PC1 (INF0844-02) - Soil EPA 9045C	1	06/14/2004 08:28	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30
Sample ID: PNL-PD1 (INF0844-04) - Soil EPA 9045C	1	06/14/2004 09:15	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30
Sample ID: PNL-PE1 (INF0844-07) - Soil EPA 9045C	1	06/14/2004 11:28	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30
Sample ID: PNL-PD1B (INF0844-08) - Soil EPA 9045C	1	06/14/2004 13:55	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30
Sample ID: PNL-PC1A (INF0844-09) - Soil EPA 9045C	1	06/14/2004 14:35	06/14/2004 17:45	06/15/2004 13:30	06/15/2004 14:30

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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
Batch: 4F15049 Extracted: 06/15/04										
Blank Analyzed: 06/15/04 (4F15049-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 06/15/04 (4F15049-BS1)										
Total Recoverable Hydrocarbons	16.8	5.0	mg/kg	20.0		84	55-130			
Matrix Spike Analyzed: 06/15/04 (4F15049-MS1)										
Total Recoverable Hydrocarbons	33.8	5.0	mg/kg	20.0	9.8	120	35-130			
Matrix Spike Dup Analyzed: 06/15/04 (4F15049-MSD1)										
Total Recoverable Hydrocarbons	36.1	5.0	mg/kg	20.0	9.8	132	35-130	7	25	MI

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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	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F16056 Extracted: 06/16/04										
Blank Analyzed: 06/18/04 (4F16056-BLK1)										
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	5.81		mg/kg	6.67		87	50-125			
LCS Analyzed: 06/18/04 (4F16056-BS1)										
EFH (C6 - C40)	22.3	5.0	mg/kg	33.3		67	45-115			
Surrogate: n-Octacosane	4.83		mg/kg	6.67		72	50-125			
Matrix Spike Analyzed: 06/18/04 (4F16056-MS1)					Source: INF0803-08					
EFH (C6 - C40)	59.5	5.0	mg/kg	33.3	22	113	35-115			
Surrogate: n-Octacosane	6.99		mg/kg	6.67		105	50-125			
Matrix Spike Dup Analyzed: 06/18/04 (4F16056-MSD1)					Source: INF0803-08					
EFH (C6 - C40)	41.5	5.0	mg/kg	33.3	22	59	35-115	36	30	R-3
Surrogate: n-Octacosane	5.25		mg/kg	6.67		79	50-125			
Batch: 4F16064 Extracted: 06/16/04										
Blank Analyzed: 06/19/04 (4F16064-BLK1)										
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	4.27		mg/kg	6.67		64	50-125			
LCS Analyzed: 06/19/04 (4F16064-BS1)										
EFH (C6 - C40)	22.5	5.0	mg/kg	33.3		68	45-115			
Surrogate: n-Octacosane	5.10		mg/kg	6.67		76	50-125			

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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	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F16064 Extracted: 06/16/04										
Matrix Spike Analyzed: 06/19/04 (4F16064-MS1)					Source: INF0837-08					
EFH (C6 - C40)	20.5	5.0	mg/kg	33.3	1.8	56	35-115			
Surrogate: n-Octacosane	4.91		mg/kg	6.67		74	50-125			
Matrix Spike Dup Analyzed: 06/19/04 (4F16064-MSD1)					Source: INF0837-08					
EFH (C6 - C40)	20.6	5.0	mg/kg	33.3	1.8	56	35-115	1	30	
Surrogate: n-Octacosane	4.76		mg/kg	6.67		71	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	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F17014 Extracted: 06/17/04										
Blank Analyzed: 06/17/04 (4F17014-BLK1)										
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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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
Batch: 4F17014 Extracted: 06/17/04										
Blank Analyzed: 06/17/04 (4F17014-BLK1)										
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	47.5		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	54.5		ug/kg	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	51.7		ug/kg	50.0		103	80-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD RPD	Data Qualifiers
Batch: 4F17014 Extracted: 06/17/04									
LCS Analyzed: 06/17/04 (4F17014-BS1)									
Benzene	54.2	2.0	ug/kg	50.0		108	70-120		
Bromobenzene	57.0	5.0	ug/kg	50.0		114	80-120		
Bromochloromethane	52.5	5.0	ug/kg	50.0		105	65-135		
Bromodichloromethane	49.1	2.0	ug/kg	50.0		98	70-140		
Bromoform	56.4	5.0	ug/kg	50.0		113	60-140		
Bromomethane	52.6	5.0	ug/kg	50.0		105	60-140		
n-Butylbenzene	56.6	5.0	ug/kg	50.0		113	75-130		
sec-Butylbenzene	56.7	5.0	ug/kg	50.0		113	75-125		
tert-Butylbenzene	59.1	5.0	ug/kg	50.0		118	80-125		
Carbon tetrachloride	46.2	5.0	ug/kg	50.0		92	70-140		
Chlorobenzene	54.0	2.0	ug/kg	50.0		108	80-125		
Chloroethane	52.2	5.0	ug/kg	50.0		104	55-145		
Chloroform	46.2	2.0	ug/kg	50.0		92	75-120		
Chloromethane	46.7	5.0	ug/kg	50.0		93	35-145		
2-Chlorotoluene	55.5	5.0	ug/kg	50.0		111	75-125		
4-Chlorotoluene	56.2	5.0	ug/kg	50.0		112	80-125		
Dibromochloromethane	51.9	2.0	ug/kg	50.0		104	65-145		
1,2-Dibromo-3-chloropropane	46.6	5.0	ug/kg	50.0		93	50-150		
1,2-Dibromoethane (EDB)	54.8	2.0	ug/kg	50.0		110	70-130		
Dibromomethane	48.8	2.0	ug/kg	50.0		98	70-130		
1,2-Dichlorobenzene	55.6	2.0	ug/kg	50.0		111	80-125		
1,3-Dichlorobenzene	55.3	2.0	ug/kg	50.0		111	80-120		
1,4-Dichlorobenzene	55.3	2.0	ug/kg	50.0		111	80-120		
Dichlorodifluoromethane	46.9	5.0	ug/kg	50.0		94	10-160		
1,1-Dichloroethane	49.2	2.0	ug/kg	50.0		98	70-135		
1,2-Dichloroethane	44.2	2.0	ug/kg	50.0		88	60-150		
1,1-Dichloroethene	53.8	5.0	ug/kg	50.0		108	75-130		
cis-1,2-Dichloroethene	53.3	2.0	ug/kg	50.0		107	70-125		
trans-1,2-Dichloroethene	54.2	2.0	ug/kg	50.0		108	70-130		
1,2-Dichloropropane	51.8	2.0	ug/kg	50.0		104	70-120		
1,3-Dichloropropane	52.2	2.0	ug/kg	50.0		104	70-130		
2,2-Dichloropropane	56.1	2.0	ug/kg	50.0		112	70-150		
1,1-Dichloropropene	51.4	2.0	ug/kg	50.0		103	75-130		
cis-1,3-Dichloropropene	53.9	2.0	ug/kg	50.0		108	75-130		
trans-1,3-Dichloropropene	53.6	2.0	ug/kg	50.0		107	70-135		

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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	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F17014 Extracted: 06/17/04									
LCS Analyzed: 06/17/04 (4F17014-BS1)									
Ethylbenzene	56.5	2.0	ug/kg	50.0		113		75-125	
Hexachlorobutadiene	52.4	5.0	ug/kg	50.0		105		75-140	
Isopropylbenzene	60.7	2.0	ug/kg	50.0		121		75-125	
p-Isopropyltoluene	54.7	2.0	ug/kg	50.0		109		75-125	
Methylene chloride	46.5	20	ug/kg	50.0		93		60-135	
Naphthalene	60.1	5.0	ug/kg	50.0		120		50-145	
n-Propylbenzene	59.4	2.0	ug/kg	50.0		119		75-130	
Styrene	59.6	2.0	ug/kg	50.0		119		80-135	
1,1,1,2-Tetrachloroethane	52.1	5.0	ug/kg	50.0		104		70-145	
1,1,2,2-Tetrachloroethane	57.0	2.0	ug/kg	50.0		114		55-145	
Tetrachloroethene	53.7	2.0	ug/kg	50.0		107		80-125	
Toluene	54.4	2.0	ug/kg	50.0		109		75-120	
1,2,3-Trichlorobenzene	56.2	5.0	ug/kg	50.0		112		65-135	
1,2,4-Trichlorobenzene	58.1	5.0	ug/kg	50.0		116		70-140	
1,1,1-Trichloroethane	46.1	2.0	ug/kg	50.0		92		75-140	
1,1,2-Trichloroethane	52.6	2.0	ug/kg	50.0		105		65-130	
Trichloroethene	52.6	2.0	ug/kg	50.0		105		75-125	
Trichlorofluoromethane	43.6	5.0	ug/kg	50.0		87		50-145	
1,2,3-Trichloropropane	53.8	10	ug/kg	50.0		108		55-140	
1,2,4-Trimethylbenzene	57.6	2.0	ug/kg	50.0		115		75-125	
1,3,5-Trimethylbenzene	59.0	2.0	ug/kg	50.0		118		80-125	
Vinyl chloride	48.3	5.0	ug/kg	50.0		97		45-130	
o-Xylene	54.5	2.0	ug/kg	50.0		109		75-125	
m,p-Xylenes	113	2.0	ug/kg	100		113		75-125	
Surrogate: Dibromofluoromethane	48.5		ug/kg	50.0		97		80-125	
Surrogate: Toluene-d8	54.5		ug/kg	50.0		109		80-120	
Surrogate: 4-Bromofluorobenzene	51.7		ug/kg	50.0		103		80-120	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F17014 Extracted: 06/17/04										
Matrix Spike Analyzed: 06/17/04 (4F17014-MS1)					Source: INF0922-03					
Benzene	57.7	2.0	ug/kg	50.0	ND	115	65-130			
Bromobenzene	71.0	5.0	ug/kg	50.0	ND	142	70-130			MI
Bromochloromethane	56.8	5.0	ug/kg	50.0	ND	114	60-145			
Bromodichloromethane	51.0	2.0	ug/kg	50.0	ND	102	70-145			
Bromoform	58.3	5.0	ug/kg	50.0	ND	117	60-145			
Bromomethane	55.4	5.0	ug/kg	50.0	ND	111	50-150			
n-Butylbenzene	65.9	5.0	ug/kg	50.0	ND	132	60-140			
sec-Butylbenzene	67.3	5.0	ug/kg	50.0	ND	135	65-135			
tert-Butylbenzene	71.5	5.0	ug/kg	50.0	ND	143	70-130			MI
Carbon tetrachloride	47.6	5.0	ug/kg	50.0	ND	95	70-140			
Chlorobenzene	58.1	2.0	ug/kg	50.0	ND	116	80-130			
Chloroethane	55.3	5.0	ug/kg	50.0	ND	111	50-150			
Chloroform	50.1	2.0	ug/kg	50.0	ND	100	70-130			
Chloromethane	49.8	5.0	ug/kg	50.0	ND	100	30-150			
2-Chlorotoluene	67.9	5.0	ug/kg	50.0	ND	136	70-130			MI
4-Chlorotoluene	68.6	5.0	ug/kg	50.0	ND	137	65-135			MI
Dibromochloromethane	56.0	2.0	ug/kg	50.0	ND	112	65-145			
1,2-Dibromo-3-chloropropane	49.8	5.0	ug/kg	50.0	ND	100	50-150			
1,2-Dibromoethane (EDB)	59.8	2.0	ug/kg	50.0	ND	120	65-135			
Dibromomethane	50.3	2.0	ug/kg	50.0	ND	101	65-135			
1,2-Dichlorobenzene	66.6	2.0	ug/kg	50.0	ND	133	75-130			MI
1,3-Dichlorobenzene	65.9	2.0	ug/kg	50.0	ND	132	70-125			MI
1,4-Dichlorobenzene	65.8	2.0	ug/kg	50.0	ND	132	75-130			MI
Dichlorodifluoromethane	49.3	5.0	ug/kg	50.0	ND	99	10-200			
1,1-Dichloroethane	54.0	2.0	ug/kg	50.0	ND	108	70-135			
1,2-Dichloroethane	46.0	2.0	ug/kg	50.0	ND	92	60-150			
1,1-Dichloroethene	59.3	5.0	ug/kg	50.0	ND	119	75-140			
cis-1,2-Dichloroethene	58.3	2.0	ug/kg	50.0	ND	117	60-135			
trans-1,2-Dichloroethene	59.1	2.0	ug/kg	50.0	ND	118	65-135			
1,2-Dichloropropane	55.8	2.0	ug/kg	50.0	ND	112	65-125			
1,3-Dichloropropane	58.0	2.0	ug/kg	50.0	ND	116	65-135			
2,2-Dichloropropane	53.3	2.0	ug/kg	50.0	ND	107	60-150			
1,1-Dichloropropene	53.6	2.0	ug/kg	50.0	ND	107	60-140			
cis-1,3-Dichloropropene	54.7	2.0	ug/kg	50.0	ND	109	65-135			
trans-1,3-Dichloropropene	52.4	2.0	ug/kg	50.0	ND	105	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F17014 Extracted: 06/17/04										
Matrix Spike Analyzed: 06/17/04 (4F17014-MS1)					Source: INF0922-03					
Ethylbenzene	60.4	2.0	ug/kg	50.0	ND	121	70-130			
Hexachlorobutadiene	51.0	5.0	ug/kg	50.0	ND	102	65-145			
Isopropylbenzene	75.3	2.0	ug/kg	50.0	ND	151	60-135			M1
p-Isopropyltoluene	64.8	2.0	ug/kg	50.0	ND	130	60-135			
Methylene chloride	51.9	20	ug/kg	50.0	ND	104	60-145			
Naphthalene	67.6	5.0	ug/kg	50.0	ND	135	40-160			
n-Propylbenzene	72.3	2.0	ug/kg	50.0	ND	145	60-140			M1
Styrene	62.5	2.0	ug/kg	50.0	ND	125	70-145			
1,1,1,2-Tetrachloroethane	55.6	5.0	ug/kg	50.0	ND	111	65-145			
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	50.0	ND		55-150			M2
Tetrachloroethene	58.3	2.0	ug/kg	50.0	ND	117	70-130			
Toluene	56.4	2.0	ug/kg	50.0	ND	113	70-125			
1,2,3-Trichlorobenzene	57.8	5.0	ug/kg	50.0	ND	116	60-135			
1,2,4-Trichlorobenzene	61.2	5.0	ug/kg	50.0	ND	122	65-140			
1,1,1-Trichloroethane	49.3	2.0	ug/kg	50.0	ND	99	65-140			
1,1,2-Trichloroethane	51.8	2.0	ug/kg	50.0	ND	104	60-140			
Trichloroethene	94.1	2.0	ug/kg	50.0	ND	188	70-140			M1
Trichlorofluoromethane	46.0	5.0	ug/kg	50.0	ND	92	40-160			
1,2,3-Trichloropropane	66.5	10	ug/kg	50.0	ND	133	55-140			
1,2,4-Trimethylbenzene	70.1	2.0	ug/kg	50.0	ND	140	65-130			M1
1,3,5-Trimethylbenzene	70.8	2.0	ug/kg	50.0	ND	142	70-130			M1
Vinyl chloride	51.7	5.0	ug/kg	50.0	ND	103	45-130			
o-Xylene	58.2	2.0	ug/kg	50.0	ND	116	70-125			
m,p-Xylenes	121	2.0	ug/kg	100	ND	121	70-125			
Surrogate: Dibromofluoromethane	9.90		ug/kg	50.0		20	80-125			ZX
Surrogate: Toluene-d8	53.2		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	47.6		ug/kg	50.0		95	80-120			

Del Mar Analytical, Irvine
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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
Batch: 4F17014 Extracted: 06/17/04										
Matrix Spike Dup Analyzed: 06/17/04 (4F17014-MSD1)					Source: INF0922-03					
Benzene	66.9	2.0	ug/kg	50.0	ND	134	65-130	15	20	MI
Bromobenzene	78.4	5.0	ug/kg	50.0	ND	157	70-130	10	20	MI
Bromochloromethane	67.3	5.0	ug/kg	50.0	ND	135	60-145	17	25	
Bromodichloromethane	57.9	2.0	ug/kg	50.0	ND	116	70-145	13	20	
Bromoform	65.8	5.0	ug/kg	50.0	ND	132	60-145	12	25	
Bromomethane	63.1	5.0	ug/kg	50.0	ND	126	50-150	13	25	
n-Butylbenzene	67.4	5.0	ug/kg	50.0	ND	135	60-140	2	25	
sec-Butylbenzene	71.1	5.0	ug/kg	50.0	ND	142	65-135	5	20	MI
tert-Butylbenzene	76.2	5.0	ug/kg	50.0	ND	152	70-130	6	20	MI
Carbon tetrachloride	53.4	5.0	ug/kg	50.0	ND	107	70-140	11	20	
Chlorobenzene	65.5	2.0	ug/kg	50.0	ND	131	80-130	12	20	MI
Chloroethane	62.6	5.0	ug/kg	50.0	ND	125	50-150	12	30	
Chloroform	58.5	2.0	ug/kg	50.0	ND	117	70-130	15	20	
Chloromethane	56.9	5.0	ug/kg	50.0	ND	114	30-150	13	30	
2-Chlorotoluene	73.4	5.0	ug/kg	50.0	ND	147	70-130	8	20	MI
4-Chlorotoluene	74.9	5.0	ug/kg	50.0	ND	150	65-135	9	20	MI
Dibromochloromethane	64.0	2.0	ug/kg	50.0	ND	128	65-145	13	25	
1,2-Dibromo-3-chloropropane	56.6	5.0	ug/kg	50.0	ND	113	50-150	13	30	
1,2-Dibromoethane (EDB)	67.5	2.0	ug/kg	50.0	ND	135	65-135	12	20	
Dibromomethane	58.2	2.0	ug/kg	50.0	ND	116	65-135	15	20	
1,2-Dichlorobenzene	72.4	2.0	ug/kg	50.0	ND	145	75-130	8	20	MI
1,3-Dichlorobenzene	71.4	2.0	ug/kg	50.0	ND	143	70-125	8	20	MI
1,4-Dichlorobenzene	71.3	2.0	ug/kg	50.0	ND	143	75-130	8	20	MI
Dichlorodifluoromethane	56.1	5.0	ug/kg	50.0	ND	112	10-200	13	35	
1,1-Dichloroethane	62.5	2.0	ug/kg	50.0	ND	125	70-135	15	20	
1,2-Dichloroethane	53.1	2.0	ug/kg	50.0	ND	106	60-150	14	25	
1,1-Dichloroethene	67.7	5.0	ug/kg	50.0	ND	135	75-140	13	20	
cis-1,2-Dichloroethene	67.5	2.0	ug/kg	50.0	ND	135	60-135	15	20	
trans-1,2-Dichloroethene	68.5	2.0	ug/kg	50.0	ND	137	65-135	15	20	MI
1,2-Dichloropropane	63.9	2.0	ug/kg	50.0	ND	128	65-125	14	20	MI
1,3-Dichloropropane	65.4	2.0	ug/kg	50.0	ND	131	65-135	12	20	
2,2-Dichloropropane	61.5	2.0	ug/kg	50.0	ND	123	60-150	14	20	
1,1-Dichloropropene	60.3	2.0	ug/kg	50.0	ND	121	60-140	12	20	
cis-1,3-Dichloropropene	63.3	2.0	ug/kg	50.0	ND	127	65-135	15	20	
trans-1,3-Dichloropropene	60.3	2.0	ug/kg	50.0	ND	121	65-140	14	20	

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F17014 Extracted: 06/17/04										
Matrix Spike Dup Analyzed: 06/17/04 (4F17014-MSD1)					Source: INF0922-03					
Ethylbenzene	66.7	2.0	ug/kg	50.0	ND	133	70-130	10	20	M1
Hexachlorobutadiene	48.2	5.0	ug/kg	50.0	ND	96	65-145	6	20	
Isopropylbenzene	80.1	2.0	ug/kg	50.0	ND	160	60-135	6	25	M1
p-Isopropyltoluene	68.4	2.0	ug/kg	50.0	ND	137	60-135	5	20	M1
Methylene chloride	61.1	20	ug/kg	50.0	ND	122	60-145	16	25	
Naphthalene	71.6	5.0	ug/kg	50.0	ND	143	40-160	6	25	
n-Propylbenzene	77.6	2.0	ug/kg	50.0	ND	155	60-140	7	25	M1
Styrene	70.3	2.0	ug/kg	50.0	ND	141	70-145	12	20	
1,1,1,2-Tetrachloroethane	62.2	5.0	ug/kg	50.0	ND	124	65-145	11	20	
1,1,2,2-Tetrachloroethane	1.92	2.0	ug/kg	50.0	ND	4	55-150		25	M2
Tetrachloroethene	63.9	2.0	ug/kg	50.0	ND	128	70-130	9	20	
Toluene	64.2	2.0	ug/kg	50.0	ND	128	70-125	13	20	M1
1,2,3-Trichlorobenzene	58.1	5.0	ug/kg	50.0	ND	116	60-135	1	20	
1,2,4-Trichlorobenzene	62.5	5.0	ug/kg	50.0	ND	125	65-140	2	25	
1,1,1-Trichloroethane	56.4	2.0	ug/kg	50.0	ND	113	65-140	13	20	
1,1,2-Trichloroethane	59.4	2.0	ug/kg	50.0	ND	119	60-140	14	20	
Trichloroethene	107	2.0	ug/kg	50.0	ND	214	70-140	13	20	M1
Trichlorofluoromethane	52.6	5.0	ug/kg	50.0	ND	105	40-160	13	30	
1,2,3-Trichloropropane	75.1	10	ug/kg	50.0	ND	150	55-140	12	25	M1
1,2,4-Trimethylbenzene	76.0	2.0	ug/kg	50.0	ND	152	65-130	8	20	M1
1,3,5-Trimethylbenzene	76.7	2.0	ug/kg	50.0	ND	153	70-130	8	20	M1
Vinyl chloride	59.8	5.0	ug/kg	50.0	ND	120	45-130	15	30	
o-Xylene	65.0	2.0	ug/kg	50.0	ND	130	70-125	11	20	M1
m,p-Xylenes	133	2.0	ug/kg	100	ND	133	70-125	9	20	M1
Surrogate: Dibromofluoromethane	9.96		ug/kg	50.0		20	80-125			ZX
Surrogate: Toluene-d8	53.2		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	50.0		ug/kg	50.0		100	80-120			

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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	RPD Limit	Data Qualifiers
Batch: 4F18005 Extracted: 06/18/04										
Blank Analyzed: 06/18/04 (4F18005-BLK1)										
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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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
Batch: 4F18005 Extracted: 06/18/04										
Blank Analyzed: 06/18/04 (4F18005-BLK1)										
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	50.0		ug/kg	50.0		100	80-125			
Surrogate: Toluene-d8	51.6		ug/kg	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	51.9		ug/kg	50.0		104	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F18005 Extracted: 06/18/04										
LCS Analyzed: 06/18/04 (4F18005-BS1)										
Benzene	41.9	2.0	ug/kg	50.0		84	70-120			
Bromobenzene	42.0	5.0	ug/kg	50.0		84	80-120			
Bromochloromethane	47.0	5.0	ug/kg	50.0		94	65-135			
Bromodichloromethane	43.7	2.0	ug/kg	50.0		87	70-140			
Bromoform	51.5	5.0	ug/kg	50.0		103	60-140			
Bromomethane	45.8	5.0	ug/kg	50.0		92	60-140			
n-Butylbenzene	39.5	5.0	ug/kg	50.0		79	75-130			
sec-Butylbenzene	40.2	5.0	ug/kg	50.0		80	75-125			
tert-Butylbenzene	41.4	5.0	ug/kg	50.0		83	80-125			
Carbon tetrachloride	44.2	5.0	ug/kg	50.0		88	70-140			
Chlorobenzene	44.1	2.0	ug/kg	50.0		88	80-125			
Chloroethane	42.7	5.0	ug/kg	50.0		85	55-145			
Chloroform	42.3	2.0	ug/kg	50.0		85	75-120			
Chloromethane	37.5	5.0	ug/kg	50.0		75	35-145			
2-Chlorotoluene	40.1	5.0	ug/kg	50.0		80	75-125			
4-Chlorotoluene	40.8	5.0	ug/kg	50.0		82	80-125			
Dibromochloromethane	47.8	2.0	ug/kg	50.0		96	65-145			
1,2-Dibromo-3-chloropropane	44.4	5.0	ug/kg	50.0		89	50-150			
1,2-Dibromoethane (EDB)	50.1	2.0	ug/kg	50.0		100	70-130			
Dibromomethane	46.6	2.0	ug/kg	50.0		93	70-130			
1,2-Dichlorobenzene	41.7	2.0	ug/kg	50.0		83	80-125			
1,3-Dichlorobenzene	39.9	2.0	ug/kg	50.0		80	80-120			
1,4-Dichlorobenzene	40.9	2.0	ug/kg	50.0		82	80-120			
Dichlorodifluoromethane	44.2	5.0	ug/kg	50.0		88	10-160			
1,1-Dichloroethane	41.0	2.0	ug/kg	50.0		82	70-135			
1,2-Dichloroethane	45.8	2.0	ug/kg	50.0		92	60-150			
1,1-Dichloroethene	44.2	5.0	ug/kg	50.0		88	75-130			
cis-1,2-Dichloroethene	43.5	2.0	ug/kg	50.0		87	70-125			
trans-1,2-Dichloroethene	44.8	2.0	ug/kg	50.0		90	70-130			
1,2-Dichloropropane	41.9	2.0	ug/kg	50.0		84	70-120			
1,3-Dichloropropane	47.3	2.0	ug/kg	50.0		95	70-130			
2,2-Dichloropropane	46.2	2.0	ug/kg	50.0		92	70-150			
1,1-Dichloropropene	42.6	2.0	ug/kg	50.0		85	75-130			
cis-1,3-Dichloropropene	42.4	2.0	ug/kg	50.0		85	75-130			
trans-1,3-Dichloropropene	42.6	2.0	ug/kg	50.0		85	70-135			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F18005 Extracted: 06/18/04									
LCS Analyzed: 06/18/04 (4F18005-BS1)									
Ethylbenzene	44.7	2.0	ug/kg	50.0		89		75-125	
Hexachlorobutadiene	37.3	5.0	ug/kg	50.0		75		75-140	
Isopropylbenzene	40.9	2.0	ug/kg	50.0		82		75-125	
p-Isopropyltoluene	40.4	2.0	ug/kg	50.0		81		75-125	
Methylene chloride	44.5	20	ug/kg	50.0		89		60-135	
Naphthalene	43.2	5.0	ug/kg	50.0		86		50-145	
n-Propylbenzene	40.6	2.0	ug/kg	50.0		81		75-130	
Styrene	46.1	2.0	ug/kg	50.0		92		80-135	
1,1,1,2-Tetrachloroethane	45.9	5.0	ug/kg	50.0		92		70-145	
1,1,2,2-Tetrachloroethane	56.1	2.0	ug/kg	50.0		112		55-145	
Tetrachloroethene	45.4	2.0	ug/kg	50.0		91		80-125	
Toluene	43.1	2.0	ug/kg	50.0		86		75-120	
1,2,3-Trichlorobenzene	40.2	5.0	ug/kg	50.0		80		65-135	
1,2,4-Trichlorobenzene	39.8	5.0	ug/kg	50.0		80		70-140	
1,1,1-Trichloroethane	43.2	2.0	ug/kg	50.0		86		75-140	
1,1,2-Trichloroethane	44.4	2.0	ug/kg	50.0		89		65-130	
Trichloroethene	42.4	2.0	ug/kg	50.0		85		75-125	
Trichlorofluoromethane	45.8	5.0	ug/kg	50.0		92		50-145	
1,2,3-Trichloropropane	48.2	10	ug/kg	50.0		96		55-140	
1,2,4-Trimethylbenzene	41.8	2.0	ug/kg	50.0		84		75-125	
1,3,5-Trimethylbenzene	42.3	2.0	ug/kg	50.0		85		80-125	
Vinyl chloride	35.3	5.0	ug/kg	50.0		71		45-130	
o-Xylene	43.1	2.0	ug/kg	50.0		86		75-125	
m,p-Xylenes	87.5	2.0	ug/kg	100		88		75-125	
Surrogate: Dibromofluoromethane	51.5		ug/kg	50.0		103		80-125	
Surrogate: Toluene-d8	52.3		ug/kg	50.0		105		80-120	
Surrogate: 4-Bromofluorobenzene	54.3		ug/kg	50.0		109		80-120	

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F18005 Extracted: 06/18/04										
Matrix Spike Analyzed: 06/18/04 (4F18005-MS1)					Source: INF0844-08					
Benzene	42.0	2.0	ug/kg	50.0	ND	84	65-130			
Bromobenzene	42.9	5.0	ug/kg	50.0	ND	86	70-130			
Bromochloromethane	48.3	5.0	ug/kg	50.0	ND	97	60-145			
Bromodichloromethane	45.7	2.0	ug/kg	50.0	ND	91	70-145			
Bromoform	51.6	5.0	ug/kg	50.0	ND	103	60-145			
Bromomethane	45.8	5.0	ug/kg	50.0	ND	92	50-150			
n-Butylbenzene	38.1	5.0	ug/kg	50.0	ND	76	60-140			
sec-Butylbenzene	38.8	5.0	ug/kg	50.0	ND	78	65-135			
tert-Butylbenzene	40.3	5.0	ug/kg	50.0	ND	81	70-130			
Carbon tetrachloride	43.0	5.0	ug/kg	50.0	ND	86	70-140			
Chlorobenzene	43.9	2.0	ug/kg	50.0	ND	88	80-130			
Chloroethane	42.1	5.0	ug/kg	50.0	ND	84	50-150			
Chloroform	43.3	2.0	ug/kg	50.0	ND	87	70-130			
Chloromethane	37.2	5.0	ug/kg	50.0	ND	74	30-150			
2-Chlorotoluene	39.4	5.0	ug/kg	50.0	ND	79	70-130			
4-Chlorotoluene	40.3	5.0	ug/kg	50.0	ND	81	65-135			
Dibromochloromethane	48.5	2.0	ug/kg	50.0	ND	97	65-145			
1,2-Dibromo-3-chloropropane	47.0	5.0	ug/kg	50.0	ND	94	50-150			
1,2-Dibromoethane (EDB)	50.4	2.0	ug/kg	50.0	ND	101	65-135			
Dibromomethane	48.4	2.0	ug/kg	50.0	ND	97	65-135			
1,2-Dichlorobenzene	42.5	2.0	ug/kg	50.0	ND	85	75-130			
1,3-Dichlorobenzene	40.4	2.0	ug/kg	50.0	ND	81	70-125			
1,4-Dichlorobenzene	41.3	2.0	ug/kg	50.0	ND	83	75-130			
Dichlorodifluoromethane	41.4	5.0	ug/kg	50.0	ND	83	10-200			
1,1-Dichloroethane	42.1	2.0	ug/kg	50.0	ND	84	70-135			
1,2-Dichloroethane	47.6	2.0	ug/kg	50.0	ND	95	60-150			
1,1-Dichloroethene	43.8	5.0	ug/kg	50.0	ND	88	75-140			
cis-1,2-Dichloroethene	44.2	2.0	ug/kg	50.0	ND	88	60-135			
trans-1,2-Dichloroethene	44.8	2.0	ug/kg	50.0	ND	90	65-135			
1,2-Dichloropropane	43.3	2.0	ug/kg	50.0	ND	87	65-125			
1,3-Dichloropropane	48.0	2.0	ug/kg	50.0	ND	96	65-135			
2,2-Dichloropropane	45.1	2.0	ug/kg	50.0	ND	90	60-150			
1,1-Dichloropropene	41.6	2.0	ug/kg	50.0	ND	83	60-140			
cis-1,3-Dichloropropene	43.9	2.0	ug/kg	50.0	ND	88	65-135			
trans-1,3-Dichloropropene	44.5	2.0	ug/kg	50.0	ND	89	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F18005 Extracted: 06/18/04										
Matrix Spike Analyzed: 06/18/04 (4F18005-MS1)					Source: INF0844-08					
Ethylbenzene	43.4	2.0	ug/kg	50.0	ND	87	70-130			
Hexachlorobutadiene	34.8	5.0	ug/kg	50.0	ND	70	65-145			
Isopropylbenzene	40.8	2.0	ug/kg	50.0	ND	82	60-135			
p-Isopropyltoluene	39.5	2.0	ug/kg	50.0	ND	79	60-135			
Methylene chloride	52.9	20	ug/kg	50.0	10	86	60-145			
Naphthalene	44.8	5.0	ug/kg	50.0	7.8	74	40-160			
n-Propylbenzene	39.3	2.0	ug/kg	50.0	ND	79	60-140			
Styrene	45.9	2.0	ug/kg	50.0	ND	92	70-145			
1,1,1,2-Tetrachloroethane	45.7	5.0	ug/kg	50.0	ND	91	65-145			
1,1,2,2-Tetrachloroethane	44.7	2.0	ug/kg	50.0	ND	89	55-150			
Tetrachloroethene	43.8	2.0	ug/kg	50.0	ND	88	70-130			
Toluene	44.0	2.0	ug/kg	50.0	ND	88	70-125			
1,2,3-Trichlorobenzene	39.7	5.0	ug/kg	50.0	ND	79	60-135			
1,2,4-Trichlorobenzene	38.4	5.0	ug/kg	50.0	ND	77	65-140			
1,1,1-Trichloroethane	42.1	2.0	ug/kg	50.0	ND	84	65-140			
1,1,2-Trichloroethane	46.0	2.0	ug/kg	50.0	ND	92	60-140			
Trichloroethene	50.0	2.0	ug/kg	50.0	ND	100	70-140			
Trichlorofluoromethane	45.1	5.0	ug/kg	50.0	ND	90	40-160			
1,2,3-Trichloropropane	49.2	10	ug/kg	50.0	ND	98	55-140			
1,2,4-Trimethylbenzene	41.1	2.0	ug/kg	50.0	ND	82	65-130			
1,3,5-Trimethylbenzene	41.0	2.0	ug/kg	50.0	ND	82	70-130			
Vinyl chloride	34.7	5.0	ug/kg	50.0	ND	69	45-130			
o-Xylene	42.1	2.0	ug/kg	50.0	ND	84	70-125			
m,p-Xylenes	85.6	2.0	ug/kg	100	ND	86	70-125			
Surrogate: Dibromofluoromethane	50.4		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	52.2		ug/kg	50.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	53.2		ug/kg	50.0		106	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
Batch: 4F18005 Extracted: 06/18/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F18005-MSD1)					Source: INF0844-08					
Benzene	43.8	2.0	ug/kg	50.0	ND	88	65-130	4	20	
Bromobenzene	43.9	5.0	ug/kg	50.0	ND	88	70-130	2	20	
Bromochloromethane	48.9	5.0	ug/kg	50.0	ND	98	60-145	1	25	
Bromodichloromethane	46.9	2.0	ug/kg	50.0	ND	94	70-145	3	20	
Bromoform	54.8	5.0	ug/kg	50.0	ND	110	60-145	6	25	
Bromomethane	47.1	5.0	ug/kg	50.0	ND	94	50-150	3	25	
n-Butylbenzene	40.9	5.0	ug/kg	50.0	ND	82	60-140	7	25	
sec-Butylbenzene	41.0	5.0	ug/kg	50.0	ND	82	65-135	6	20	
tert-Butylbenzene	42.3	5.0	ug/kg	50.0	ND	85	70-130	5	20	
Carbon tetrachloride	45.5	5.0	ug/kg	50.0	ND	91	70-140	6	20	
Chlorobenzene	45.7	2.0	ug/kg	50.0	ND	91	80-130	4	20	
Chloroethane	45.0	5.0	ug/kg	50.0	ND	90	50-150	7	30	
Chloroform	43.4	2.0	ug/kg	50.0	ND	87	70-130	0	20	
Chloromethane	38.9	5.0	ug/kg	50.0	ND	78	30-150	4	30	
2-Chlorotoluene	41.0	5.0	ug/kg	50.0	ND	82	70-130	4	20	
4-Chlorotoluene	41.6	5.0	ug/kg	50.0	ND	83	65-135	3	20	
Dibromochloromethane	49.5	2.0	ug/kg	50.0	ND	99	65-145	2	25	
1,2-Dibromo-3-chloropropane	48.1	5.0	ug/kg	50.0	ND	96	50-150	2	30	
1,2-Dibromoethane (EDB)	52.5	2.0	ug/kg	50.0	ND	105	65-135	4	20	
Dibromomethane	50.0	2.0	ug/kg	50.0	ND	100	65-135	3	20	
1,2-Dichlorobenzene	43.5	2.0	ug/kg	50.0	ND	87	75-130	2	20	
1,3-Dichlorobenzene	41.2	2.0	ug/kg	50.0	ND	82	70-125	2	20	
1,4-Dichlorobenzene	42.7	2.0	ug/kg	50.0	ND	85	75-130	3	20	
Dichlorodifluoromethane	44.2	5.0	ug/kg	50.0	ND	88	10-200	7	35	
1,1-Dichloroethane	43.3	2.0	ug/kg	50.0	ND	87	70-135	3	20	
1,2-Dichloroethane	47.8	2.0	ug/kg	50.0	ND	96	60-150	0	25	
1,1-Dichloroethene	46.8	5.0	ug/kg	50.0	ND	94	75-140	7	20	
cis-1,2-Dichloroethene	44.8	2.0	ug/kg	50.0	ND	90	60-135	1	20	
trans-1,2-Dichloroethene	46.4	2.0	ug/kg	50.0	ND	93	65-135	4	20	
1,2-Dichloropropane	44.2	2.0	ug/kg	50.0	ND	88	65-125	2	20	
1,3-Dichloropropane	49.5	2.0	ug/kg	50.0	ND	99	65-135	3	20	
2,2-Dichloropropane	46.1	2.0	ug/kg	50.0	ND	92	60-150	2	20	
1,1-Dichloropropene	44.1	2.0	ug/kg	50.0	ND	88	60-140	6	20	
cis-1,3-Dichloropropene	43.9	2.0	ug/kg	50.0	ND	88	65-135	0	20	
trans-1,3-Dichloropropene	45.0	2.0	ug/kg	50.0	ND	90	65-140	1	20	

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F18005 Extracted: 06/18/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F18005-MSD1)					Source: INF0844-08					
Ethylbenzene	46.4	2.0	ug/kg	50.0	ND	93	70-130	7	20	
Hexachlorobutadiene	37.7	5.0	ug/kg	50.0	ND	75	65-145	8	20	
Isopropylbenzene	42.9	2.0	ug/kg	50.0	ND	86	60-135	5	25	
p-Isopropyltoluene	41.7	2.0	ug/kg	50.0	ND	83	60-135	5	20	
Methylene chloride	52.0	20	ug/kg	50.0	10	84	60-145	2	25	
Naphthalene	49.3	5.0	ug/kg	50.0	7.8	83	40-160	10	25	
n-Propylbenzene	41.1	2.0	ug/kg	50.0	ND	82	60-140	4	25	
Styrene	48.0	2.0	ug/kg	50.0	ND	96	70-145	4	20	
1,1,1,2-Tetrachloroethane	47.4	5.0	ug/kg	50.0	ND	95	65-145	4	20	
1,1,2,2-Tetrachloroethane	40.3	2.0	ug/kg	50.0	ND	81	55-150	10	25	
Tetrachloroethene	47.1	2.0	ug/kg	50.0	ND	94	70-130	7	20	
Toluene	45.2	2.0	ug/kg	50.0	ND	90	70-125	3	20	
1,2,3-Trichlorobenzene	42.2	5.0	ug/kg	50.0	ND	84	60-135	6	20	
1,2,4-Trichlorobenzene	40.4	5.0	ug/kg	50.0	ND	81	65-140	5	25	
1,1,1-Trichloroethane	44.2	2.0	ug/kg	50.0	ND	88	65-140	5	20	
1,1,2-Trichloroethane	48.0	2.0	ug/kg	50.0	ND	96	60-140	4	20	
Trichloroethene	54.9	2.0	ug/kg	50.0	ND	110	70-140	9	20	
Trichlorofluoromethane	47.4	5.0	ug/kg	50.0	ND	95	40-160	5	30	
1,2,3-Trichloropropane	49.8	10	ug/kg	50.0	ND	100	55-140	1	25	
1,2,4-Trimethylbenzene	42.1	2.0	ug/kg	50.0	ND	84	65-130	2	20	
1,3,5-Trimethylbenzene	43.2	2.0	ug/kg	50.0	ND	86	70-130	5	20	
Vinyl chloride	37.3	5.0	ug/kg	50.0	ND	75	45-130	7	30	
o-Xylene	44.9	2.0	ug/kg	50.0	ND	90	70-125	6	20	
m,p-Xylenes	92.3	2.0	ug/kg	100	ND	92	70-125	8	20	
Surrogate: Dibromofluoromethane	48.1		ug/kg	50.0		96	80-125			
Surrogate: Toluene-d8	52.9		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	54.2		ug/kg	50.0		108	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	RPD Limit	Data Qualifiers
Batch: 4F18020 Extracted: 06/18/04										
Blank Analyzed: 06/18/04 (4F18020-BLK1)										
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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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
Batch: 4F18020 Extracted: 06/18/04										
Blank Analyzed: 06/18/04 (4F18020-BLK1)										
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	49.0		ug/kg	50.0		98	80-125			
Surrogate: Toluene-d8	54.3		ug/kg	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	52.9		ug/kg	50.0		106	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
Batch: 4F18020 Extracted: 06/18/04										
LCS Analyzed: 06/18/04 (4F18020-BS1)										
Benzene	46.2	2.0	ug/kg	50.0		92	70-120			
Bromobenzene	49.5	5.0	ug/kg	50.0		99	80-120			
Bromochloromethane	45.5	5.0	ug/kg	50.0		91	65-135			
Bromodichloromethane	44.2	2.0	ug/kg	50.0		88	70-140			
Bromoform	48.7	5.0	ug/kg	50.0		97	60-140			
Bromomethane	44.6	5.0	ug/kg	50.0		89	60-140			
n-Butylbenzene	49.7	5.0	ug/kg	50.0		99	75-130			
sec-Butylbenzene	48.7	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	51.7	5.0	ug/kg	50.0		103	80-125			
Carbon tetrachloride	42.7	5.0	ug/kg	50.0		85	70-140			
Chlorobenzene	46.8	2.0	ug/kg	50.0		94	80-125			
Chloroethane	43.1	5.0	ug/kg	50.0		86	55-145			
Chloroform	41.0	2.0	ug/kg	50.0		82	75-120			
Chloromethane	38.0	5.0	ug/kg	50.0		76	35-145			
2-Chlorotoluene	47.7	5.0	ug/kg	50.0		95	75-125			
4-Chlorotoluene	48.4	5.0	ug/kg	50.0		97	80-125			
Dibromochloromethane	46.2	2.0	ug/kg	50.0		92	65-145			
1,2-Dibromo-3-chloropropane	40.5	5.0	ug/kg	50.0		81	50-150			
1,2-Dibromoethane (EDB)	47.2	2.0	ug/kg	50.0		94	70-130			
Dibromomethane	43.3	2.0	ug/kg	50.0		87	70-130			
1,2-Dichlorobenzene	48.7	2.0	ug/kg	50.0		97	80-125			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	47.9	2.0	ug/kg	50.0		96	80-120			
Dichlorodifluoromethane	38.1	5.0	ug/kg	50.0		76	10-160			
1,1-Dichloroethane	42.4	2.0	ug/kg	50.0		85	70-135			
1,2-Dichloroethane	41.1	2.0	ug/kg	50.0		82	60-150			
1,1-Dichloroethene	44.6	5.0	ug/kg	50.0		89	75-130			
cis-1,2-Dichloroethene	45.3	2.0	ug/kg	50.0		91	70-125			
trans-1,2-Dichloroethene	46.5	2.0	ug/kg	50.0		93	70-130			
1,2-Dichloropropane	44.3	2.0	ug/kg	50.0		89	70-120			
1,3-Dichloropropane	45.6	2.0	ug/kg	50.0		91	70-130			
2,2-Dichloropropane	47.9	2.0	ug/kg	50.0		96	70-150			
1,1-Dichloropropene	44.9	2.0	ug/kg	50.0		90	75-130			
cis-1,3-Dichloropropene	46.4	2.0	ug/kg	50.0		93	75-130			
trans-1,3-Dichloropropene	46.3	2.0	ug/kg	50.0		93	70-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F18020 Extracted: 06/18/04									
LCS Analyzed: 06/18/04 (4F18020-BS1)									
Ethylbenzene	49.0	2.0	ug/kg	50.0		98		75-125	
Hexachlorobutadiene	46.8	5.0	ug/kg	50.0		94		75-140	
Isopropylbenzene	52.2	2.0	ug/kg	50.0		104		75-125	
p-Isopropyltoluene	47.7	2.0	ug/kg	50.0		95		75-125	
Methylene chloride	39.7	20	ug/kg	50.0		79		60-135	
Naphthalene	52.0	5.0	ug/kg	50.0		104		50-145	
n-Propylbenzene	50.9	2.0	ug/kg	50.0		102		75-130	
Styrene	50.8	2.0	ug/kg	50.0		102		80-135	
1,1,1,2-Tetrachloroethane	45.7	5.0	ug/kg	50.0		91		70-145	
1,1,2,2-Tetrachloroethane	47.0	2.0	ug/kg	50.0		94		55-145	
Tetrachloroethene	47.6	2.0	ug/kg	50.0		95		80-125	
Toluene	47.0	2.0	ug/kg	50.0		94		75-120	
1,2,3-Trichlorobenzene	49.0	5.0	ug/kg	50.0		98		65-135	
1,2,4-Trichlorobenzene	51.4	5.0	ug/kg	50.0		103		70-140	
1,1,1-Trichloroethane	41.4	2.0	ug/kg	50.0		83		75-140	
1,1,2-Trichloroethane	44.9	2.0	ug/kg	50.0		90		65-130	
Trichloroethene	46.1	2.0	ug/kg	50.0		92		75-125	
Trichlorofluoromethane	39.0	5.0	ug/kg	50.0		78		50-145	
1,2,3-Trichloropropane	45.1	10	ug/kg	50.0		90		55-140	
1,2,4-Trimethylbenzene	50.2	2.0	ug/kg	50.0		100		75-125	
1,3,5-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102		80-125	
Vinyl chloride	39.8	5.0	ug/kg	50.0		80		45-130	
o-Xylene	47.5	2.0	ug/kg	50.0		95		75-125	
m,p-Xylenes	97.8	2.0	ug/kg	100		98		75-125	
Surrogate: Dibromofluoromethane	48.6		ug/kg	50.0		97		80-125	
Surrogate: Toluene-d8	54.7		ug/kg	50.0		109		80-120	
Surrogate: 4-Bromofluorobenzene	52.1		ug/kg	50.0		104		80-120	

Del Mar Analytical, Irvine
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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	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F18020 Extracted: 06/18/04										
Matrix Spike Analyzed: 06/18/04 (4F18020-MS1)					Source: INF0844-04					
Benzene	46.6	2.0	ug/kg	50.0	ND	93	65-130			
Bromobenzene	52.0	5.0	ug/kg	50.0	ND	104	70-130			
Bromochloromethane	46.9	5.0	ug/kg	50.0	ND	94	60-145			
Bromodichloromethane	44.3	2.0	ug/kg	50.0	ND	89	70-145			
Bromoform	50.9	5.0	ug/kg	50.0	ND	102	60-145			
Bromomethane	45.0	5.0	ug/kg	50.0	ND	90	50-150			
n-Butylbenzene	47.1	5.0	ug/kg	50.0	ND	94	60-140			
sec-Butylbenzene	49.2	5.0	ug/kg	50.0	ND	98	65-135			
tert-Butylbenzene	52.9	5.0	ug/kg	50.0	ND	106	70-130			
Carbon tetrachloride	42.8	5.0	ug/kg	50.0	ND	86	70-140			
Chlorobenzene	47.2	2.0	ug/kg	50.0	ND	94	80-130			
Chloroethane	45.3	5.0	ug/kg	50.0	ND	91	50-150			
Chloroform	41.6	2.0	ug/kg	50.0	ND	83	70-130			
Chloromethane	37.8	5.0	ug/kg	50.0	ND	76	30-150			
2-Chlorotoluene	49.8	5.0	ug/kg	50.0	ND	100	70-130			
4-Chlorotoluene	50.4	5.0	ug/kg	50.0	ND	101	65-135			
Dibromochloromethane	48.0	2.0	ug/kg	50.0	ND	96	65-145			
1,2-Dibromo-3-chloropropane	40.9	5.0	ug/kg	50.0	ND	82	50-150			
1,2-Dibromoethane (EDB)	49.4	2.0	ug/kg	50.0	ND	99	65-135			
Dibromomethane	44.6	2.0	ug/kg	50.0	ND	89	65-135			
1,2-Dichlorobenzene	48.9	2.0	ug/kg	50.0	ND	98	75-130			
1,3-Dichlorobenzene	48.2	2.0	ug/kg	50.0	ND	96	70-125			
1,4-Dichlorobenzene	48.0	2.0	ug/kg	50.0	ND	96	75-130			
Dichlorodifluoromethane	37.7	5.0	ug/kg	50.0	ND	75	10-200			
1,1-Dichloroethane	43.1	2.0	ug/kg	50.0	ND	86	70-135			
1,2-Dichloroethane	41.8	2.0	ug/kg	50.0	ND	84	60-150			
1,1-Dichloroethene	45.4	5.0	ug/kg	50.0	ND	91	75-140			
cis-1,2-Dichloroethene	45.7	2.0	ug/kg	50.0	ND	91	60-135			
trans-1,2-Dichloroethene	46.0	2.0	ug/kg	50.0	ND	92	65-135			
1,2-Dichloropropane	45.2	2.0	ug/kg	50.0	ND	90	65-125			
1,3-Dichloropropane	47.5	2.0	ug/kg	50.0	ND	95	65-135			
2,2-Dichloropropane	44.5	2.0	ug/kg	50.0	ND	89	60-150			
1,1-Dichloropropene	45.3	2.0	ug/kg	50.0	ND	91	60-140			
cis-1,3-Dichloropropene	45.8	2.0	ug/kg	50.0	ND	92	65-135			
trans-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0	ND	91	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
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 SB0202/31
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Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F18020 Extracted: 06/18/04										
Matrix Spike Analyzed: 06/18/04 (4F18020-MS1)					Source: INF0844-04					
Ethylbenzene	49.4	2.0	ug/kg	50.0	ND	99	70-130			
Hexachlorobutadiene	32.8	5.0	ug/kg	50.0	ND	66	65-145			
Isopropylbenzene	54.9	2.0	ug/kg	50.0	ND	110	60-135			
p-Isopropyltoluene	48.0	2.0	ug/kg	50.0	ND	96	60-135			
Methylene chloride	43.3	20	ug/kg	50.0	ND	87	60-145			
Naphthalene	44.2	5.0	ug/kg	50.0	ND	88	40-160			
n-Propylbenzene	53.2	2.0	ug/kg	50.0	ND	106	60-140			
Styrene	51.3	2.0	ug/kg	50.0	ND	103	70-145			
1,1,1,2-Tetrachloroethane	46.6	5.0	ug/kg	50.0	ND	93	65-145			
1,1,2,2-Tetrachloroethane	50.6	2.0	ug/kg	50.0	ND	101	55-150			
Tetrachloroethene	48.0	2.0	ug/kg	50.0	ND	96	70-130			
Toluene	47.0	2.0	ug/kg	50.0	ND	94	70-125			
1,2,3-Trichlorobenzene	36.5	5.0	ug/kg	50.0	ND	73	60-135			
1,2,4-Trichlorobenzene	40.3	5.0	ug/kg	50.0	ND	81	65-140			
1,1,1-Trichloroethane	41.6	2.0	ug/kg	50.0	ND	83	65-140			
1,1,2-Trichloroethane	46.1	2.0	ug/kg	50.0	ND	92	60-140			
Trichloroethene	46.8	2.0	ug/kg	50.0	ND	94	70-140			
Trichlorofluoromethane	39.4	5.0	ug/kg	50.0	ND	79	40-160			
1,2,3-Trichloropropane	51.1	10	ug/kg	50.0	ND	102	55-140			
1,2,4-Trimethylbenzene	51.8	2.0	ug/kg	50.0	ND	104	65-130			
1,3,5-Trimethylbenzene	52.5	2.0	ug/kg	50.0	ND	105	70-130			
Vinyl chloride	41.2	5.0	ug/kg	50.0	ND	82	45-130			
o-Xylene	48.2	2.0	ug/kg	50.0	ND	96	70-125			
m,p-Xylenes	98.5	2.0	ug/kg	100	ND	98	70-125			
Surrogate: Dibromofluoromethane	49.8		ug/kg	50.0		100	80-125			
Surrogate: Toluene-d8	54.0		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	52.3		ug/kg	50.0		105	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
Batch: 4F18020 Extracted: 06/18/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F18020-MSD1)					Source: INF0844-04					
Benzene	49.1	2.0	ug/kg	50.0	ND	98	65-130	5	20	
Bromobenzene	57.3	5.0	ug/kg	50.0	ND	115	70-130	10	20	
Bromochloromethane	49.0	5.0	ug/kg	50.0	ND	98	60-145	4	25	
Bromodichloromethane	46.2	2.0	ug/kg	50.0	ND	92	70-145	4	20	
Bromoform	51.7	5.0	ug/kg	50.0	ND	103	60-145	2	25	
Bromomethane	47.2	5.0	ug/kg	50.0	ND	94	50-150	5	25	
n-Butylbenzene	47.7	5.0	ug/kg	50.0	ND	95	60-140	1	25	
sec-Butylbenzene	51.3	5.0	ug/kg	50.0	ND	103	65-135	4	20	
tert-Butylbenzene	57.0	5.0	ug/kg	50.0	ND	114	70-130	7	20	
Carbon tetrachloride	44.3	5.0	ug/kg	50.0	ND	89	70-140	3	20	
Chlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	80-130	4	20	
Chloroethane	46.6	5.0	ug/kg	50.0	ND	93	50-150	3	30	
Chloroform	43.3	2.0	ug/kg	50.0	ND	87	70-130	4	20	
Chloromethane	40.2	5.0	ug/kg	50.0	ND	80	30-150	6	30	
2-Chlorotoluene	54.1	5.0	ug/kg	50.0	ND	108	70-130	8	20	
4-Chlorotoluene	54.8	5.0	ug/kg	50.0	ND	110	65-135	8	20	
Dibromochloromethane	49.3	2.0	ug/kg	50.0	ND	99	65-145	3	25	
1,2-Dibromo-3-chloropropane	44.0	5.0	ug/kg	50.0	ND	88	50-150	7	30	
1,2-Dibromoethane (EDB)	50.8	2.0	ug/kg	50.0	ND	102	65-135	3	20	
Dibromomethane	46.0	2.0	ug/kg	50.0	ND	92	65-135	3	20	
1,2-Dichlorobenzene	52.4	2.0	ug/kg	50.0	ND	105	75-130	7	20	
1,3-Dichlorobenzene	51.3	2.0	ug/kg	50.0	ND	103	70-125	6	20	
1,4-Dichlorobenzene	51.9	2.0	ug/kg	50.0	ND	104	75-130	8	20	
Dichlorodifluoromethane	39.4	5.0	ug/kg	50.0	ND	79	10-200	4	35	
1,1-Dichloroethane	45.0	2.0	ug/kg	50.0	ND	90	70-135	4	20	
1,2-Dichloroethane	42.9	2.0	ug/kg	50.0	ND	86	60-150	3	25	
1,1-Dichloroethene	47.7	5.0	ug/kg	50.0	ND	95	75-140	5	20	
cis-1,2-Dichloroethene	48.0	2.0	ug/kg	50.0	ND	96	60-135	5	20	
trans-1,2-Dichloroethene	48.6	2.0	ug/kg	50.0	ND	97	65-135	5	20	
1,2-Dichloropropane	47.4	2.0	ug/kg	50.0	ND	95	65-125	5	20	
1,3-Dichloropropane	49.5	2.0	ug/kg	50.0	ND	99	65-135	4	20	
2,2-Dichloropropane	46.6	2.0	ug/kg	50.0	ND	93	60-150	5	20	
1,1-Dichloropropene	46.5	2.0	ug/kg	50.0	ND	93	60-140	3	20	
cis-1,3-Dichloropropene	48.6	2.0	ug/kg	50.0	ND	97	65-135	6	20	
trans-1,3-Dichloropropene	47.3	2.0	ug/kg	50.0	ND	95	65-140	3	20	

Del Mar Analytical, Irvine
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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
Batch: 4F18020 Extracted: 06/18/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F18020-MSD1)					Source: INF0844-04					
Ethylbenzene	51.7	2.0	ug/kg	50.0	ND	103	70-130	5	20	
Hexachlorobutadiene	30.9	5.0	ug/kg	50.0	ND	62	65-145	6	20	M2
Isopropylbenzene	60.5	2.0	ug/kg	50.0	ND	121	60-135	10	25	
p-Isopropyltoluene	50.4	2.0	ug/kg	50.0	ND	101	60-135	5	20	
Methylene chloride	43.8	20	ug/kg	50.0	ND	88	60-145	1	25	
Naphthalene	45.1	5.0	ug/kg	50.0	ND	90	40-160	2	25	
n-Propylbenzene	57.5	2.0	ug/kg	50.0	ND	115	60-140	8	25	
Styrene	53.0	2.0	ug/kg	50.0	ND	106	70-145	3	20	
1,1,1,2-Tetrachloroethane	49.3	5.0	ug/kg	50.0	ND	99	65-145	6	20	
1,1,2,2-Tetrachloroethane	55.1	2.0	ug/kg	50.0	ND	110	55-150	9	25	
Tetrachloroethene	49.2	2.0	ug/kg	50.0	ND	98	70-130	2	20	
Toluene	48.8	2.0	ug/kg	50.0	ND	98	70-125	4	20	
1,2,3-Trichlorobenzene	35.3	5.0	ug/kg	50.0	ND	71	60-135	3	20	
1,2,4-Trichlorobenzene	39.7	5.0	ug/kg	50.0	ND	79	65-140	1	25	
1,1,1-Trichloroethane	42.9	2.0	ug/kg	50.0	ND	86	65-140	3	20	
1,1,2-Trichloroethane	46.9	2.0	ug/kg	50.0	ND	94	60-140	2	20	
Trichloroethene	48.7	2.0	ug/kg	50.0	ND	97	70-140	4	20	
Trichlorofluoromethane	40.7	5.0	ug/kg	50.0	ND	81	40-160	3	30	
1,2,3-Trichloropropane	55.1	10	ug/kg	50.0	ND	110	55-140	8	25	
1,2,4-Trimethylbenzene	55.7	2.0	ug/kg	50.0	ND	111	65-130	7	20	
1,3,5-Trimethylbenzene	56.9	2.0	ug/kg	50.0	ND	114	70-130	8	20	
Vinyl chloride	43.2	5.0	ug/kg	50.0	ND	86	45-130	5	30	
o-Xylene	49.9	2.0	ug/kg	50.0	ND	100	70-125	3	20	
m,p-Xylenes	103	2.0	ug/kg	100	ND	103	70-125	4	20	
Surrogate: Dibromofluoromethane	49.6		ug/kg	50.0		99	80-125			
Surrogate: Toluene-d8	54.8		ug/kg	50.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	49.9		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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F19003 Extracted: 06/19/04										
Blank Analyzed: 06/19/04 (4F19003-BLK1)										
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
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F19003 Extracted: 06/19/04										
Blank Analyzed: 06/19/04 (4F19003-BLK1)										
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	54.4		ug/kg	50.0		109	80-125			
Surrogate: Toluene-d8	53.6		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	53.2		ug/kg	50.0		106	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	RPD RPD	RPD RPD	Data Qualifiers
Batch: 4F19003 Extracted: 06/19/04									
LCS Analyzed: 06/19/04 (4F19003-BS1)									
Benzene	52.0	2.0	ug/kg	50.0		104	70-120		
Bromobenzene	51.6	5.0	ug/kg	50.0		103	80-120		
Bromochloromethane	54.1	5.0	ug/kg	50.0		108	65-135		
Bromodichloromethane	57.4	2.0	ug/kg	50.0		115	70-140		
Bromoform	45.9	5.0	ug/kg	50.0		92	60-140		
Bromomethane	69.8	5.0	ug/kg	50.0		140	60-140		
n-Butylbenzene	54.1	5.0	ug/kg	50.0		108	75-130		
sec-Butylbenzene	53.6	5.0	ug/kg	50.0		107	75-125		
tert-Butylbenzene	53.0	5.0	ug/kg	50.0		106	80-125		
Carbon tetrachloride	59.4	5.0	ug/kg	50.0		119	70-140		
Chlorobenzene	52.9	2.0	ug/kg	50.0		106	80-125		
Chloroethane	64.6	5.0	ug/kg	50.0		129	55-145		
Chloroform	56.2	2.0	ug/kg	50.0		112	75-120		
Chloromethane	60.9	5.0	ug/kg	50.0		122	35-145		
2-Chlorotoluene	52.7	5.0	ug/kg	50.0		105	75-125		
4-Chlorotoluene	52.8	5.0	ug/kg	50.0		106	80-125		
Dibromochloromethane	55.9	2.0	ug/kg	50.0		112	65-145		
1,2-Dibromo-3-chloropropane	48.4	5.0	ug/kg	50.0		97	50-150		
1,2-Dibromoethane (EDB)	50.0	2.0	ug/kg	50.0		100	70-130		
Dibromomethane	51.3	2.0	ug/kg	50.0		103	70-130		
1,2-Dichlorobenzene	51.7	2.0	ug/kg	50.0		103	80-125		
1,3-Dichlorobenzene	52.3	2.0	ug/kg	50.0		105	80-120		
1,4-Dichlorobenzene	51.6	2.0	ug/kg	50.0		103	80-120		
Dichlorodifluoromethane	78.8	5.0	ug/kg	50.0		158	10-160		
1,1-Dichloroethane	56.3	2.0	ug/kg	50.0		113	70-135		
1,2-Dichloroethane	53.0	2.0	ug/kg	50.0		106	60-150		
1,1-Dichloroethene	56.8	5.0	ug/kg	50.0		114	75-130		
cis-1,2-Dichloroethene	54.5	2.0	ug/kg	50.0		109	70-125		
trans-1,2-Dichloroethene	57.4	2.0	ug/kg	50.0		115	70-130		
1,2-Dichloropropane	53.0	2.0	ug/kg	50.0		106	70-120		
1,3-Dichloropropane	50.5	2.0	ug/kg	50.0		101	70-130		
2,2-Dichloropropane	61.0	2.0	ug/kg	50.0		122	70-150		
1,1-Dichloropropene	55.9	2.0	ug/kg	50.0		112	75-130		
cis-1,3-Dichloropropene	52.6	2.0	ug/kg	50.0		105	75-130		
trans-1,3-Dichloropropene	51.4	2.0	ug/kg	50.0		103	70-135		

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F19003 Extracted: 06/19/04										
LCS Analyzed: 06/19/04 (4F19003-BS1)										
Ethylbenzene	53.9	2.0	ug/kg	50.0		108	75-125			
Hexachlorobutadiene	51.3	5.0	ug/kg	50.0		103	75-140			
Isopropylbenzene	53.9	2.0	ug/kg	50.0		108	75-125			
p-Isopropyltoluene	52.3	2.0	ug/kg	50.0		105	75-125			
Methylene chloride	55.2	20	ug/kg	50.0		110	60-135			
Naphthalene	50.8	5.0	ug/kg	50.0		102	50-145			
n-Propylbenzene	54.5	2.0	ug/kg	50.0		109	75-130			
Styrene	53.8	2.0	ug/kg	50.0		108	80-135			
1,1,1,2-Tetrachloroethane	53.6	5.0	ug/kg	50.0		107	70-145			
1,1,2,2-Tetrachloroethane	50.5	2.0	ug/kg	50.0		101	55-145			
Tetrachloroethene	53.4	2.0	ug/kg	50.0		107	80-125			
Toluene	52.7	2.0	ug/kg	50.0		105	75-120			
1,2,3-Trichlorobenzene	47.8	5.0	ug/kg	50.0		96	65-135			
1,2,4-Trichlorobenzene	50.6	5.0	ug/kg	50.0		101	70-140			
1,1,1-Trichloroethane	59.9	2.0	ug/kg	50.0		120	75-140			
1,1,2-Trichloroethane	50.8	2.0	ug/kg	50.0		102	65-130			
Trichloroethene	52.7	2.0	ug/kg	50.0		105	75-125			
Trichlorofluoromethane	61.7	5.0	ug/kg	50.0		123	50-145			
1,2,3-Trichloropropane	47.9	10	ug/kg	50.0		96	55-140			
1,2,4-Trimethylbenzene	52.7	2.0	ug/kg	50.0		105	75-125			
1,3,5-Trimethylbenzene	53.8	2.0	ug/kg	50.0		108	80-125			
Vinyl chloride	61.4	5.0	ug/kg	50.0		123	45-130			
o-Xylene	52.1	2.0	ug/kg	50.0		104	75-125			
m,p-Xylenes	106	2.0	ug/kg	100		106	75-125			
Surrogate: Dibromofluoromethane	57.1		ug/kg	50.0		114	80-125			
Surrogate: Toluene-d8	54.4		ug/kg	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	54.4		ug/kg	50.0		109	80-120			

Del Mar Analytical, Irvine
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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	RPD Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F19003 Extracted: 06/19/04										
Matrix Spike Analyzed: 06/19/04 (4F19003-MS1)					Source: INF0844-07					
Benzene	52.7	2.0	ug/kg	50.0	ND	105	65-130			
Bromobenzene	62.8	5.0	ug/kg	50.0	ND	126	70-130			
Bromochloromethane	54.5	5.0	ug/kg	50.0	ND	109	60-145			
Bromodichloromethane	57.1	2.0	ug/kg	50.0	ND	114	70-145			
Bromoform	43.6	5.0	ug/kg	50.0	ND	87	60-145			
Bromomethane	71.2	5.0	ug/kg	50.0	ND	142	50-150			
n-Butylbenzene	41.8	5.0	ug/kg	50.0	ND	84	60-140			
sec-Butylbenzene	47.5	5.0	ug/kg	50.0	ND	95	65-135			
tert-Butylbenzene	53.2	5.0	ug/kg	50.0	ND	106	70-130			
Carbon tetrachloride	57.4	5.0	ug/kg	50.0	ND	115	70-140			
Chlorobenzene	53.6	2.0	ug/kg	50.0	ND	107	80-130			
Chloroethane	65.9	5.0	ug/kg	50.0	ND	132	50-150			
Chloroform	56.8	2.0	ug/kg	50.0	ND	114	70-130			
Chloromethane	62.1	5.0	ug/kg	50.0	ND	124	30-150			
2-Chlorotoluene	61.0	5.0	ug/kg	50.0	ND	122	70-130			
4-Chlorotoluene	61.2	5.0	ug/kg	50.0	ND	122	65-135			
Dibromochloromethane	56.9	2.0	ug/kg	50.0	ND	114	65-145			
1,2-Dibromo-3-chloropropane	51.6	5.0	ug/kg	50.0	ND	103	50-150			
1,2-Dibromoethane (EDB)	51.0	2.0	ug/kg	50.0	ND	102	65-135			
Dibromomethane	50.7	2.0	ug/kg	50.0	ND	101	65-135			
1,2-Dichlorobenzene	51.4	2.0	ug/kg	50.0	ND	103	75-130			
1,3-Dichlorobenzene	53.9	2.0	ug/kg	50.0	ND	108	70-125			
1,4-Dichlorobenzene	53.5	2.0	ug/kg	50.0	ND	107	75-130			
Dichlorodifluoromethane	76.9	5.0	ug/kg	50.0	ND	154	10-200			
1,1-Dichloroethane	57.4	2.0	ug/kg	50.0	ND	115	70-135			
1,2-Dichloroethane	53.5	2.0	ug/kg	50.0	ND	107	60-150			
1,1-Dichloroethene	55.9	5.0	ug/kg	50.0	ND	112	75-140			
cis-1,2-Dichloroethene	55.4	2.0	ug/kg	50.0	ND	111	60-135			
trans-1,2-Dichloroethene	57.7	2.0	ug/kg	50.0	ND	115	65-135			
1,2-Dichloropropane	53.6	2.0	ug/kg	50.0	ND	107	65-125			
1,3-Dichloropropane	52.3	2.0	ug/kg	50.0	ND	105	65-135			
2,2-Dichloropropane	63.7	2.0	ug/kg	50.0	ND	127	60-150			
1,1-Dichloropropene	55.4	2.0	ug/kg	50.0	ND	111	60-140			
cis-1,3-Dichloropropene	52.2	2.0	ug/kg	50.0	ND	104	65-135			
trans-1,3-Dichloropropene	50.3	2.0	ug/kg	50.0	ND	101	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb For Amanda Cordova
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
 SB0202/31
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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
Batch: 4F19003 Extracted: 06/19/04										
Matrix Spike Analyzed: 06/19/04 (4F19003-MS1)					Source: INF0844-07					
Ethylbenzene	53.3	2.0	ug/kg	50.0	ND	107	70-130			
Hexachlorobutadiene	18.3	5.0	ug/kg	50.0	ND	37	65-145			M2
Isopropylbenzene	63.1	2.0	ug/kg	50.0	ND	126	60-135			
p-Isopropyltoluene	46.8	2.0	ug/kg	50.0	ND	94	60-135			
Methylene chloride	54.9	20	ug/kg	50.0	ND	110	60-145			
Naphthalene	35.9	5.0	ug/kg	50.0	ND	72	40-160			
n-Propylbenzene	60.0	2.0	ug/kg	50.0	ND	120	60-140			
Styrene	52.8	2.0	ug/kg	50.0	ND	106	70-145			
1,1,1,2-Tetrachloroethane	55.7	5.0	ug/kg	50.0	ND	111	65-145			
1,1,2,2-Tetrachloroethane	59.5	2.0	ug/kg	50.0	ND	119	55-150			
Tetrachloroethene	51.2	2.0	ug/kg	50.0	ND	102	70-130			
Toluene	52.1	2.0	ug/kg	50.0	ND	104	70-125			
1,2,3-Trichlorobenzene	22.1	5.0	ug/kg	50.0	ND	44	60-135			M2
1,2,4-Trichlorobenzene	26.6	5.0	ug/kg	50.0	ND	53	65-140			M2
1,1,1-Trichloroethane	59.4	2.0	ug/kg	50.0	ND	119	65-140			
1,1,2-Trichloroethane	48.2	2.0	ug/kg	50.0	ND	96	60-140			
Trichloroethene	52.9	2.0	ug/kg	50.0	ND	106	70-140			
Trichlorofluoromethane	60.9	5.0	ug/kg	50.0	ND	122	40-160			
1,2,3-Trichloropropane	59.5	10	ug/kg	50.0	ND	119	55-140			
1,2,4-Trimethylbenzene	57.4	2.0	ug/kg	50.0	ND	115	65-130			
1,3,5-Trimethylbenzene	58.1	2.0	ug/kg	50.0	ND	116	70-130			
Vinyl chloride	64.6	5.0	ug/kg	50.0	ND	129	45-130			
o-Xylene	51.1	2.0	ug/kg	50.0	ND	102	70-125			
m,p-Xylenes	104	2.0	ug/kg	100	ND	104	70-125			
Surrogate: Dibromofluoromethane	55.7		ug/kg	50.0		111	80-125			
Surrogate: Toluene-d8	52.6		ug/kg	50.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	49.0		ug/kg	50.0		98	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
Batch: 4F19003 Extracted: 06/19/04										
Matrix Spike Dup Analyzed: 06/19/04 (4F19003-MSD1)					Source: INF0844-07					
Benzene	54.2	2.0	ug/kg	50.0	ND	108	65-130	3	20	
Bromobenzene	64.0	5.0	ug/kg	50.0	ND	128	70-130	2	20	
Bromochloromethane	63.9	5.0	ug/kg	50.0	ND	128	60-145	16	25	
Bromodichloromethane	63.8	2.0	ug/kg	50.0	ND	128	70-145	11	20	
Bromoform	49.4	5.0	ug/kg	50.0	ND	99	60-145	12	25	
Bromomethane	72.9	5.0	ug/kg	50.0	ND	146	50-150	2	25	
n-Butylbenzene	41.1	5.0	ug/kg	50.0	ND	82	60-140	2	25	
sec-Butylbenzene	46.5	5.0	ug/kg	50.0	ND	93	65-135	2	20	
tert-Butylbenzene	51.3	5.0	ug/kg	50.0	ND	103	70-130	4	20	
Carbon tetrachloride	56.0	5.0	ug/kg	50.0	ND	112	70-140	2	20	
Chlorobenzene	54.7	2.0	ug/kg	50.0	ND	109	80-130	2	20	
Chloroethane	66.8	5.0	ug/kg	50.0	ND	134	50-150	1	30	
Chloroform	61.9	2.0	ug/kg	50.0	ND	124	70-130	9	20	
Chloromethane	62.9	5.0	ug/kg	50.0	ND	126	30-150	1	30	
2-Chlorotoluene	61.0	5.0	ug/kg	50.0	ND	122	70-130	0	20	
4-Chlorotoluene	61.6	5.0	ug/kg	50.0	ND	123	65-135	1	20	
Dibromochloromethane	62.9	2.0	ug/kg	50.0	ND	126	65-145	10	25	
1,2-Dibromo-3-chloropropane	58.3	5.0	ug/kg	50.0	ND	117	50-150	12	30	
1,2-Dibromoethane (EDB)	58.4	2.0	ug/kg	50.0	ND	117	65-135	14	20	
Dibromomethane	60.6	2.0	ug/kg	50.0	ND	121	65-135	18	20	
1,2-Dichlorobenzene	51.3	2.0	ug/kg	50.0	ND	103	75-130	0	20	
1,3-Dichlorobenzene	53.9	2.0	ug/kg	50.0	ND	108	70-125	0	20	
1,4-Dichlorobenzene	53.7	2.0	ug/kg	50.0	ND	107	75-130	0	20	
Dichlorodifluoromethane	72.8	5.0	ug/kg	50.0	ND	146	10-200	5	35	
1,1-Dichloroethane	61.3	2.0	ug/kg	50.0	ND	123	70-135	7	20	
1,2-Dichloroethane	61.7	2.0	ug/kg	50.0	ND	123	60-150	14	25	
1,1-Dichloroethene	55.8	5.0	ug/kg	50.0	ND	112	75-140	0	20	
cis-1,2-Dichloroethene	60.2	2.0	ug/kg	50.0	ND	120	60-135	8	20	
trans-1,2-Dichloroethene	58.9	2.0	ug/kg	50.0	ND	118	65-135	2	20	
1,2-Dichloropropane	58.4	2.0	ug/kg	50.0	ND	117	65-125	9	20	
1,3-Dichloropropane	58.7	2.0	ug/kg	50.0	ND	117	65-135	12	20	
2,2-Dichloropropane	65.8	2.0	ug/kg	50.0	ND	132	60-150	3	20	
1,1-Dichloropropene	55.4	2.0	ug/kg	50.0	ND	111	60-140	0	20	
cis-1,3-Dichloropropene	57.8	2.0	ug/kg	50.0	ND	116	65-135	10	20	
trans-1,3-Dichloropropene	58.2	2.0	ug/kg	50.0	ND	116	65-140	15	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F19003 Extracted: 06/19/04										
Matrix Spike Dup Analyzed: 06/19/04 (4F19003-MSD1)					Source: INF0844-07					
Ethylbenzene	53.4	2.0	ug/kg	50.0	ND	107	70-130	0	20	
Hexachlorobutadiene	16.4	5.0	ug/kg	50.0	ND	33	65-145	11	20	M2
Isopropylbenzene	60.9	2.0	ug/kg	50.0	ND	122	60-135	4	25	
p-Isopropyltoluene	46.2	2.0	ug/kg	50.0	ND	92	60-135	1	20	
Methylene chloride	62.5	20	ug/kg	50.0	ND	125	60-145	13	25	
Naphthalene	36.1	5.0	ug/kg	50.0	ND	72	40-160	1	25	
n-Propylbenzene	59.2	2.0	ug/kg	50.0	ND	118	60-140	1	25	
Styrene	54.6	2.0	ug/kg	50.0	ND	109	70-145	3	20	
1,1,1,2-Tetrachloroethane	56.9	5.0	ug/kg	50.0	ND	114	65-145	2	20	
1,1,2,2-Tetrachloroethane	67.5	2.0	ug/kg	50.0	ND	135	55-150	13	25	
Tetrachloroethene	50.9	2.0	ug/kg	50.0	ND	102	70-130	1	20	
Toluene	54.5	2.0	ug/kg	50.0	ND	109	70-125	5	20	
1,2,3-Trichlorobenzene	20.8	5.0	ug/kg	50.0	ND	42	60-135	6	20	M2
1,2,4-Trichlorobenzene	25.3	5.0	ug/kg	50.0	ND	51	65-140	5	25	M2
1,1,1-Trichloroethane	60.6	2.0	ug/kg	50.0	ND	121	65-140	2	20	
1,1,2-Trichloroethane	57.9	2.0	ug/kg	50.0	ND	116	60-140	18	20	
Trichloroethene	54.7	2.0	ug/kg	50.0	ND	109	70-140	3	20	
Trichlorofluoromethane	59.6	5.0	ug/kg	50.0	ND	119	40-160	2	30	
1,2,3-Trichloropropane	67.7	10	ug/kg	50.0	ND	135	55-140	13	25	
1,2,4-Trimethylbenzene	56.7	2.0	ug/kg	50.0	ND	113	65-130	1	20	
1,3,5-Trimethylbenzene	57.1	2.0	ug/kg	50.0	ND	114	70-130	2	20	
Vinyl chloride	61.6	5.0	ug/kg	50.0	ND	123	45-130	5	30	
o-Xylene	51.7	2.0	ug/kg	50.0	ND	103	70-125	1	20	
m,p-Xylenes	105	2.0	ug/kg	100	ND	105	70-125	1	20	
Surrogate: Dibromofluoromethane	61.4		ug/kg	50.0		123	80-125			
Surrogate: Toluene-d8	53.9		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	50.6		ug/kg	50.0		101	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F19012 Extracted: 06/19/04										
Blank Analyzed: 06/19/04 (4F19012-BLK1)										
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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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
Batch: 4F19012 Extracted: 06/19/04										
Blank Analyzed: 06/19/04 (4F19012-BLK1)										
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	52.4		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	51.1		ug/kg	50.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	52.4		ug/kg	50.0		105	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
Batch: 4F19012 Extracted: 06/19/04										
LCS Analyzed: 06/19/04 (4F19012-BS1)										
Benzene	54.4	2.0	ug/kg	50.0		109	70-120			
Bromobenzene	49.2	5.0	ug/kg	50.0		98	80-120			
Bromochloromethane	56.5	5.0	ug/kg	50.0		113	65-135			
Bromodichloromethane	55.6	2.0	ug/kg	50.0		111	70-140			
Bromoform	49.2	5.0	ug/kg	50.0		98	60-140			
Bromomethane	61.9	5.0	ug/kg	50.0		124	60-140			
n-Butylbenzene	54.7	5.0	ug/kg	50.0		109	75-130			
sec-Butylbenzene	53.5	5.0	ug/kg	50.0		107	75-125			
tert-Butylbenzene	52.1	5.0	ug/kg	50.0		104	80-125			
Carbon tetrachloride	60.1	5.0	ug/kg	50.0		120	70-140			
Chlorobenzene	55.1	2.0	ug/kg	50.0		110	80-125			
Chloroethane	60.2	5.0	ug/kg	50.0		120	55-145			
Chloroform	57.5	2.0	ug/kg	50.0		115	75-120			
Chloromethane	56.6	5.0	ug/kg	50.0		113	35-145			
2-Chlorotoluene	51.4	5.0	ug/kg	50.0		103	75-125			
4-Chlorotoluene	52.2	5.0	ug/kg	50.0		104	80-125			
Dibromochloromethane	57.0	2.0	ug/kg	50.0		114	65-145			
1,2-Dibromo-3-chloropropane	49.8	5.0	ug/kg	50.0		100	50-150			
1,2-Dibromoethane (EDB)	53.2	2.0	ug/kg	50.0		106	70-130			
Dibromomethane	51.9	2.0	ug/kg	50.0		104	70-130			
1,2-Dichlorobenzene	50.6	2.0	ug/kg	50.0		101	80-125			
1,3-Dichlorobenzene	49.8	2.0	ug/kg	50.0		100	80-120			
1,4-Dichlorobenzene	50.4	2.0	ug/kg	50.0		101	80-120			
Dichlorodifluoromethane	61.3	5.0	ug/kg	50.0		123	10-160			
1,1-Dichloroethane	58.8	2.0	ug/kg	50.0		118	70-135			
1,2-Dichloroethane	56.1	2.0	ug/kg	50.0		112	60-150			
1,1-Dichloroethene	58.1	5.0	ug/kg	50.0		116	75-130			
cis-1,2-Dichloroethene	56.1	2.0	ug/kg	50.0		112	70-125			
trans-1,2-Dichloroethene	57.8	2.0	ug/kg	50.0		116	70-130			
1,2-Dichloropropane	54.0	2.0	ug/kg	50.0		108	70-120			
1,3-Dichloropropane	55.3	2.0	ug/kg	50.0		111	70-130			
2,2-Dichloropropane	66.5	2.0	ug/kg	50.0		133	70-150			
1,1-Dichloropropene	55.2	2.0	ug/kg	50.0		110	75-130			
cis-1,3-Dichloropropene	53.0	2.0	ug/kg	50.0		106	75-130			
trans-1,3-Dichloropropene	53.0	2.0	ug/kg	50.0		106	70-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD RPD	Data Qualifiers
Batch: 4F19012 Extracted: 06/19/04									
LCS Analyzed: 06/19/04 (4F19012-BS1)									
Ethylbenzene	56.9	2.0	ug/kg	50.0		114	75-125		
Hexachlorobutadiene	49.5	5.0	ug/kg	50.0		99	75-140		
Isopropylbenzene	52.2	2.0	ug/kg	50.0		104	75-125		
p-Isopropyltoluene	51.7	2.0	ug/kg	50.0		103	75-125		
Methylene chloride	57.4	20	ug/kg	50.0		115	60-135		
Naphthalene	44.9	5.0	ug/kg	50.0		90	50-145		
n-Propylbenzene	54.2	2.0	ug/kg	50.0		108	75-130		
Styrene	56.5	2.0	ug/kg	50.0		113	80-135		
1,1,1,2-Tetrachloroethane	56.5	5.0	ug/kg	50.0		113	70-145		
1,1,2,2-Tetrachloroethane	50.0	2.0	ug/kg	50.0		100	55-145		
Tetrachloroethene	56.1	2.0	ug/kg	50.0		112	80-125		
Toluene	54.0	2.0	ug/kg	50.0		108	75-120		
1,2,3-Trichlorobenzene	46.5	5.0	ug/kg	50.0		93	65-135		
1,2,4-Trichlorobenzene	47.9	5.0	ug/kg	50.0		96	70-140		
1,1,1-Trichloroethane	60.3	2.0	ug/kg	50.0		121	75-140		
1,1,2-Trichloroethane	50.9	2.0	ug/kg	50.0		102	65-130		
Trichloroethene	51.6	2.0	ug/kg	50.0		103	75-125		
Trichlorofluoromethane	62.2	5.0	ug/kg	50.0		124	50-145		
1,2,3-Trichloropropane	48.7	10	ug/kg	50.0		97	55-140		
1,2,4-Trimethylbenzene	52.4	2.0	ug/kg	50.0		105	75-125		
1,3,5-Trimethylbenzene	53.2	2.0	ug/kg	50.0		106	80-125		
Vinyl chloride	60.6	5.0	ug/kg	50.0		121	45-130		
o-Xylene	56.2	2.0	ug/kg	50.0		112	75-125		
m,p-Xylenes	114	2.0	ug/kg	100		114	75-125		
Surrogate: Dibromofluoromethane	54.6		ug/kg	50.0		109	80-125		
Surrogate: Toluene-d8	51.6		ug/kg	50.0		103	80-120		
Surrogate: 4-Bromofluorobenzene	55.3		ug/kg	50.0		111	80-120		

Del Mar Analytical, Irvine
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 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
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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	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F19012 Extracted: 06/19/04										
Matrix Spike Analyzed: 06/19/04 (4F19012-MS1)					Source: INF1164-01					
Benzene	52.7	2.0	ug/kg	50.0	ND	105	65-130			
Bromobenzene	49.7	5.0	ug/kg	50.0	ND	99	70-130			
Bromochloromethane	50.1	5.0	ug/kg	50.0	ND	100	60-145			
Bromodichloromethane	49.8	2.0	ug/kg	50.0	ND	100	70-145			
Bromoform	37.9	5.0	ug/kg	50.0	ND	76	60-145			
Bromomethane	62.0	5.0	ug/kg	50.0	ND	124	50-150			
n-Butylbenzene	52.2	5.0	ug/kg	50.0	ND	104	60-140			
sec-Butylbenzene	52.8	5.0	ug/kg	50.0	ND	106	65-135			
tert-Butylbenzene	53.6	5.0	ug/kg	50.0	ND	107	70-130			
Carbon tetrachloride	56.3	5.0	ug/kg	50.0	ND	113	70-140			
Chlorobenzene	51.8	2.0	ug/kg	50.0	ND	104	80-130			
Chloroethane	59.6	5.0	ug/kg	50.0	ND	119	50-150			
Chloroform	54.8	2.0	ug/kg	50.0	ND	110	70-130			
Chloromethane	55.8	5.0	ug/kg	50.0	ND	112	30-150			
2-Chlorotoluene	54.0	5.0	ug/kg	50.0	ND	108	70-130			
4-Chlorotoluene	54.1	5.0	ug/kg	50.0	ND	108	65-135			
Dibromochloromethane	47.8	2.0	ug/kg	50.0	ND	96	65-145			
1,2-Dibromo-3-chloropropane	38.6	5.0	ug/kg	50.0	ND	77	50-150			
1,2-Dibromoethane (EDB)	44.3	2.0	ug/kg	50.0	ND	89	65-135			
Dibromomethane	43.3	2.0	ug/kg	50.0	ND	87	65-135			
1,2-Dichlorobenzene	46.7	2.0	ug/kg	50.0	ND	93	75-130			
1,3-Dichlorobenzene	49.1	2.0	ug/kg	50.0	ND	98	70-125			
1,4-Dichlorobenzene	49.4	2.0	ug/kg	50.0	ND	99	75-130			
Dichlorodifluoromethane	58.3	5.0	ug/kg	50.0	ND	117	10-200			
1,1-Dichloroethane	57.2	2.0	ug/kg	50.0	ND	114	70-135			
1,2-Dichloroethane	47.5	2.0	ug/kg	50.0	ND	95	60-150			
1,1-Dichloroethene	54.9	5.0	ug/kg	50.0	ND	110	75-140			
cis-1,2-Dichloroethene	53.1	2.0	ug/kg	50.0	ND	106	60-135			
trans-1,2-Dichloroethene	56.0	2.0	ug/kg	50.0	ND	112	65-135			
1,2-Dichloropropane	49.9	2.0	ug/kg	50.0	ND	100	65-125			
1,3-Dichloropropane	47.2	2.0	ug/kg	50.0	ND	94	65-135			
2,2-Dichloropropane	70.7	2.0	ug/kg	50.0	ND	141	60-150			
1,1-Dichloropropene	52.9	2.0	ug/kg	50.0	ND	106	60-140			
cis-1,3-Dichloropropene	46.6	2.0	ug/kg	50.0	ND	93	65-135			
trans-1,3-Dichloropropene	43.8	2.0	ug/kg	50.0	ND	88	65-140			

Del Mar Analytical, Irvine
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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
Batch: 4F19012 Extracted: 06/19/04										
Matrix Spike Analyzed: 06/19/04 (4F19012-MS1)					Source: INF1164-01					
Ethylbenzene	53.6	2.0	ug/kg	50.0	ND	107	70-130			
Hexachlorobutadiene	36.2	5.0	ug/kg	50.0	ND	72	65-145			
Isopropylbenzene	56.2	2.0	ug/kg	50.0	ND	112	60-135			
p-Isopropyltoluene	51.5	2.0	ug/kg	50.0	ND	103	60-135			
Methylene chloride	52.4	20	ug/kg	50.0	ND	105	60-145			
Naphthalene	33.1	5.0	ug/kg	50.0	ND	66	40-160			
n-Propylbenzene	55.7	2.0	ug/kg	50.0	ND	111	60-140			
Styrene	50.0	2.0	ug/kg	50.0	ND	100	70-145			
1,1,1,2-Tetrachloroethane	52.5	5.0	ug/kg	50.0	ND	105	65-145			
1,1,2,2-Tetrachloroethane	41.0	2.0	ug/kg	50.0	ND	82	55-150			
Tetrachloroethene	53.3	2.0	ug/kg	50.0	ND	107	70-130			
Toluene	49.7	2.0	ug/kg	50.0	ND	99	70-125			
1,2,3-Trichlorobenzene	34.3	5.0	ug/kg	50.0	ND	69	60-135			
1,2,4-Trichlorobenzene	38.0	5.0	ug/kg	50.0	ND	76	65-140			
1,1,1-Trichloroethane	57.7	2.0	ug/kg	50.0	ND	115	65-140			
1,1,2-Trichloroethane	40.8	2.0	ug/kg	50.0	ND	82	60-140			
Trichloroethene	51.8	2.0	ug/kg	50.0	ND	104	70-140			
Trichlorofluoromethane	60.3	5.0	ug/kg	50.0	ND	121	40-160			
1,2,3-Trichloropropane	43.5	10	ug/kg	50.0	ND	87	55-140			
1,2,4-Trimethylbenzene	53.3	2.0	ug/kg	50.0	ND	107	65-130			
1,3,5-Trimethylbenzene	54.5	2.0	ug/kg	50.0	ND	109	70-130			
Vinyl chloride	63.1	5.0	ug/kg	50.0	ND	126	45-130			
o-Xylene	52.1	2.0	ug/kg	50.0	ND	104	70-125			
m,p-Xylenes	108	2.0	ug/kg	100	ND	108	70-125			
Surrogate: Dibromofluoromethane	52.6		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	51.1		ug/kg	50.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	50.5		ug/kg	50.0		101	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
Batch: 4F19012 Extracted: 06/19/04										
Matrix Spike Dup Analyzed: 06/19/04 (4F19012-MSD1)					Source: INF1164-01					
Benzene	53.1	2.0	ug/kg	50.0	ND	106	65-130	1	20	
Bromobenzene	50.8	5.0	ug/kg	50.0	ND	102	70-130	2	20	
Bromochloromethane	55.7	5.0	ug/kg	50.0	ND	111	60-145	11	25	
Bromodichloromethane	53.8	2.0	ug/kg	50.0	ND	108	70-145	8	20	
Bromoform	50.2	5.0	ug/kg	50.0	ND	100	60-145	28	25	R
Bromomethane	59.2	5.0	ug/kg	50.0	ND	118	50-150	5	25	
n-Butylbenzene	48.8	5.0	ug/kg	50.0	ND	98	60-140	7	25	
sec-Butylbenzene	50.0	5.0	ug/kg	50.0	ND	100	65-135	5	20	
tert-Butylbenzene	50.0	5.0	ug/kg	50.0	ND	100	70-130	7	20	
Carbon tetrachloride	55.7	5.0	ug/kg	50.0	ND	111	70-140	1	20	
Chlorobenzene	51.8	2.0	ug/kg	50.0	ND	104	80-130	0	20	
Chloroethane	57.3	5.0	ug/kg	50.0	ND	115	50-150	4	30	
Chloroform	55.8	2.0	ug/kg	50.0	ND	112	70-130	2	20	
Chloromethane	53.4	5.0	ug/kg	50.0	ND	107	30-150	4	30	
2-Chlorotoluene	51.7	5.0	ug/kg	50.0	ND	103	70-130	4	20	
4-Chlorotoluene	52.1	5.0	ug/kg	50.0	ND	104	65-135	4	20	
Dibromochloromethane	56.2	2.0	ug/kg	50.0	ND	112	65-145	16	25	
1,2-Dibromo-3-chloropropane	59.2	5.0	ug/kg	50.0	ND	118	50-150	42	30	R
1,2-Dibromoethane (EDB)	54.9	2.0	ug/kg	50.0	ND	110	65-135	21	20	R
Dibromomethane	53.2	2.0	ug/kg	50.0	ND	106	65-135	21	20	R
1,2-Dichlorobenzene	48.9	2.0	ug/kg	50.0	ND	98	75-130	5	20	
1,3-Dichlorobenzene	48.9	2.0	ug/kg	50.0	ND	98	70-125	0	20	
1,4-Dichlorobenzene	49.7	2.0	ug/kg	50.0	ND	99	75-130	1	20	
Dichlorodifluoromethane	55.1	5.0	ug/kg	50.0	ND	110	10-200	6	35	
1,1-Dichloroethane	56.9	2.0	ug/kg	50.0	ND	114	70-135	1	20	
1,2-Dichloroethane	55.3	2.0	ug/kg	50.0	ND	111	60-150	15	25	
1,1-Dichloroethene	54.6	5.0	ug/kg	50.0	ND	109	75-140	1	20	
cis-1,2-Dichloroethene	53.5	2.0	ug/kg	50.0	ND	107	60-135	1	20	
trans-1,2-Dichloroethene	56.0	2.0	ug/kg	50.0	ND	112	65-135	0	20	
1,2-Dichloropropane	53.4	2.0	ug/kg	50.0	ND	107	65-125	7	20	
1,3-Dichloropropane	55.9	2.0	ug/kg	50.0	ND	112	65-135	17	20	
2,2-Dichloropropane	63.1	2.0	ug/kg	50.0	ND	126	60-150	11	20	
1,1-Dichloropropene	52.0	2.0	ug/kg	50.0	ND	104	60-140	2	20	
cis-1,3-Dichloropropene	51.7	2.0	ug/kg	50.0	ND	103	65-135	10	20	
trans-1,3-Dichloropropene	51.8	2.0	ug/kg	50.0	ND	104	65-140	17	20	

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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
Batch: 4F19012 Extracted: 06/19/04										
Matrix Spike Dup Analyzed: 06/19/04 (4F19012-MSD1)					Source: INF1164-01					
Ethylbenzene	52.9	2.0	ug/kg	50.0	ND	106	70-130	1	20	
Hexachlorobutadiene	34.5	5.0	ug/kg	50.0	ND	69	65-145	5	20	
Isopropylbenzene	52.8	2.0	ug/kg	50.0	ND	106	60-135	6	25	
p-Isopropyltoluene	48.8	2.0	ug/kg	50.0	ND	98	60-135	5	20	
Methylene chloride	56.1	20	ug/kg	50.0	ND	112	60-145	7	25	
Naphthalene	46.9	5.0	ug/kg	50.0	ND	94	40-160	35	25	R
n-Propylbenzene	52.5	2.0	ug/kg	50.0	ND	105	60-140	6	25	
Styrene	51.5	2.0	ug/kg	50.0	ND	103	70-145	3	20	
1,1,1,2-Tetrachloroethane	54.1	5.0	ug/kg	50.0	ND	108	65-145	3	20	
1,1,2,2-Tetrachloroethane	51.2	2.0	ug/kg	50.0	ND	102	55-150	22	25	
Tetrachloroethene	51.3	2.0	ug/kg	50.0	ND	103	70-130	4	20	
Toluene	50.4	2.0	ug/kg	50.0	ND	101	70-125	1	20	
1,2,3-Trichlorobenzene	40.5	5.0	ug/kg	50.0	ND	81	60-135	17	20	
1,2,4-Trichlorobenzene	42.6	5.0	ug/kg	50.0	ND	85	65-140	11	25	
1,1,1-Trichloroethane	57.2	2.0	ug/kg	50.0	ND	114	65-140	1	20	
1,1,2-Trichloroethane	50.8	2.0	ug/kg	50.0	ND	102	60-140	22	20	R
Trichloroethene	54.3	2.0	ug/kg	50.0	ND	109	70-140	5	20	
Trichlorofluoromethane	57.6	5.0	ug/kg	50.0	ND	115	40-160	5	30	
1,2,3-Trichloropropane	58.1	10	ug/kg	50.0	ND	116	55-140	29	25	R
1,2,4-Trimethylbenzene	50.9	2.0	ug/kg	50.0	ND	102	65-130	5	20	
1,3,5-Trimethylbenzene	51.7	2.0	ug/kg	50.0	ND	103	70-130	5	20	
Vinyl chloride	55.4	5.0	ug/kg	50.0	ND	111	45-130	13	30	
o-Xylene	51.4	2.0	ug/kg	50.0	ND	103	70-125	1	20	
m,p-Xylenes	106	2.0	ug/kg	100	ND	106	70-125	2	20	
Surrogate: Dibromofluoromethane	53.0		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	51.3		ug/kg	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	51.2		ug/kg	50.0		102	80-120			

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	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F16018 Extracted: 06/16/04										
Blank Analyzed: 06/16/04 (4F16018-BLK1)										
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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Geosyntec Consultants/Project Navigator - Ascon
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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
Batch: 4F16018 Extracted: 06/16/04										
Blank Analyzed: 06/16/04 (4F16018-BLK1)										
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	51.3		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	51.3		ug/kg	50.0		103	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
Batch: 4F16018 Extracted: 06/16/04										
LCS Analyzed: 06/16/04 (4F16018-BS1)										
Benzene	44.8	2.0	ug/kg	50.0		90	70-120			
Bromobenzene	43.6	5.0	ug/kg	50.0		87	80-120			
Bromochloromethane	49.1	5.0	ug/kg	50.0		98	65-135			
Bromodichloromethane	49.7	2.0	ug/kg	50.0		99	70-140			
Bromoform	50.0	5.0	ug/kg	50.0		100	60-140			
Bromomethane	52.9	5.0	ug/kg	50.0		106	60-140			
n-Butylbenzene	45.5	5.0	ug/kg	50.0		91	75-130			
sec-Butylbenzene	43.9	5.0	ug/kg	50.0		88	75-125			
tert-Butylbenzene	44.0	5.0	ug/kg	50.0		88	80-125			
Carbon tetrachloride	52.2	5.0	ug/kg	50.0		104	70-140			
Chlorobenzene	45.6	2.0	ug/kg	50.0		91	80-125			
Chloroethane	48.1	5.0	ug/kg	50.0		96	55-145			
Chloroform	45.8	2.0	ug/kg	50.0		92	75-120			
Chloromethane	40.4	5.0	ug/kg	50.0		81	35-145			
2-Chlorotoluene	43.3	5.0	ug/kg	50.0		87	75-125			
4-Chlorotoluene	43.8	5.0	ug/kg	50.0		88	80-125			
Dibromochloromethane	52.2	2.0	ug/kg	50.0		104	65-145			
1,2-Dibromo-3-chloropropane	57.4	5.0	ug/kg	50.0		115	50-150			
1,2-Dibromoethane (EDB)	51.1	2.0	ug/kg	50.0		102	70-130			
Dibromomethane	50.7	2.0	ug/kg	50.0		101	70-130			
1,2-Dichlorobenzene	44.7	2.0	ug/kg	50.0		89	80-125			
1,3-Dichlorobenzene	43.9	2.0	ug/kg	50.0		88	80-120			
1,4-Dichlorobenzene	44.0	2.0	ug/kg	50.0		88	80-120			
Dichlorodifluoromethane	41.1	5.0	ug/kg	50.0		82	10-160			
1,1-Dichloroethane	46.7	2.0	ug/kg	50.0		93	70-135			
1,2-Dichloroethane	50.7	2.0	ug/kg	50.0		101	60-150			
1,1-Dichloroethene	45.9	5.0	ug/kg	50.0		92	75-130			
cis-1,2-Dichloroethene	45.4	2.0	ug/kg	50.0		91	70-125			
trans-1,2-Dichloroethene	46.8	2.0	ug/kg	50.0		94	70-130			
1,2-Dichloropropane	44.3	2.0	ug/kg	50.0		89	70-120			
1,3-Dichloropropane	48.4	2.0	ug/kg	50.0		97	70-130			
2,2-Dichloropropane	67.6	2.0	ug/kg	50.0		135	70-150			
1,1-Dichloropropene	46.3	2.0	ug/kg	50.0		93	75-130			
cis-1,3-Dichloropropene	46.2	2.0	ug/kg	50.0		92	75-130			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0		97	70-135			

Del Mar Analytical, Irvine
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Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

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 Limit	Data Qualifiers
Batch: 4F16018 Extracted: 06/16/04										
LCS Analyzed: 06/16/04 (4F16018-BS1)										
Ethylbenzene	46.7	2.0	ug/kg	50.0		93	75-125			
Hexachlorobutadiene	44.0	5.0	ug/kg	50.0		88	75-140			
Isopropylbenzene	43.5	2.0	ug/kg	50.0		87	75-125			
p-Isopropyltoluene	43.4	2.0	ug/kg	50.0		87	75-125			
Methylene chloride	42.5	20	ug/kg	50.0		85	60-135			
Naphthalene	50.8	5.0	ug/kg	50.0		102	50-145			
n-Propylbenzene	44.5	2.0	ug/kg	50.0		89	75-130			
Styrene	47.9	2.0	ug/kg	50.0		96	80-135			
1,1,1,2-Tetrachloroethane	50.2	5.0	ug/kg	50.0		100	70-145			
1,1,2,2-Tetrachloroethane	50.7	2.0	ug/kg	50.0		101	55-145			
Tetrachloroethene	46.5	2.0	ug/kg	50.0		93	80-125			
Toluene	45.1	2.0	ug/kg	50.0		90	75-120			
1,2,3-Trichlorobenzene	46.0	5.0	ug/kg	50.0		92	65-135			
1,2,4-Trichlorobenzene	46.2	5.0	ug/kg	50.0		92	70-140			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	46.9	2.0	ug/kg	50.0		94	65-130			
Trichloroethene	45.4	2.0	ug/kg	50.0		91	75-125			
Trichlorofluoromethane	48.3	5.0	ug/kg	50.0		97	50-145			
1,2,3-Trichloropropane	48.9	10	ug/kg	50.0		98	55-140			
1,2,4-Trimethylbenzene	44.1	2.0	ug/kg	50.0		88	75-125			
1,3,5-Trimethylbenzene	44.8	2.0	ug/kg	50.0		90	80-125			
Vinyl chloride	39.2	5.0	ug/kg	50.0		78	45-130			
o-Xylene	45.2	2.0	ug/kg	50.0		90	75-125			
m,p-Xylenes	91.0	2.0	ug/kg	100		91	75-125			
Surrogate: Dibromofluoromethane	52.3		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	51.4		ug/kg	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	51.0		ug/kg	50.0		102	80-120			

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
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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 Limit	Data Qualifiers
Batch: 4F16018 Extracted: 06/16/04										
LCS Dup Analyzed: 06/16/04 (4F16018-BSD1)										
Benzene	47.7	2.0	ug/kg	50.0		95	70-120	6	20	
Bromobenzene	45.8	5.0	ug/kg	50.0		92	80-120	5	20	
Bromochloromethane	48.4	5.0	ug/kg	50.0		97	65-135	1	20	
Bromodichloromethane	48.7	2.0	ug/kg	50.0		97	70-140	2	20	
Bromoform	39.3	5.0	ug/kg	50.0		79	60-140	24	20	R-7
Bromomethane	54.4	5.0	ug/kg	50.0		109	60-140	3	20	
n-Butylbenzene	49.6	5.0	ug/kg	50.0		99	75-130	9	20	
sec-Butylbenzene	48.1	5.0	ug/kg	50.0		96	75-125	9	20	
tert-Butylbenzene	47.5	5.0	ug/kg	50.0		95	80-125	8	20	
Carbon tetrachloride	53.3	5.0	ug/kg	50.0		107	70-140	2	20	
Chlorobenzene	48.1	2.0	ug/kg	50.0		96	80-125	5	20	
Chloroethane	49.7	5.0	ug/kg	50.0		99	55-145	3	25	
Chloroform	47.0	2.0	ug/kg	50.0		94	75-120	3	20	
Chloromethane	43.6	5.0	ug/kg	50.0		87	35-145	8	25	
2-Chlorotoluene	47.0	5.0	ug/kg	50.0		94	75-125	8	20	
4-Chlorotoluene	47.4	5.0	ug/kg	50.0		95	80-125	8	20	
Dibromochloromethane	50.6	2.0	ug/kg	50.0		101	65-145	3	20	
1,2-Dibromo-3-chloropropane	33.2	5.0	ug/kg	50.0		66	50-150	53	25	R-7
1,2-Dibromoethane (EDB)	43.5	2.0	ug/kg	50.0		87	70-130	16	20	
Dibromomethane	43.6	2.0	ug/kg	50.0		87	70-130	15	20	
1,2-Dichlorobenzene	45.3	2.0	ug/kg	50.0		91	80-125	1	20	
1,3-Dichlorobenzene	46.3	2.0	ug/kg	50.0		93	80-120	5	20	
1,4-Dichlorobenzene	46.2	2.0	ug/kg	50.0		92	80-120	5	20	
Dichlorodifluoromethane	54.2	5.0	ug/kg	50.0		108	10-160	27	30	
1,1-Dichloroethane	49.2	2.0	ug/kg	50.0		98	70-135	5	20	
1,2-Dichloroethane	44.4	2.0	ug/kg	50.0		89	60-150	13	20	
1,1-Dichloroethene	48.3	5.0	ug/kg	50.0		97	75-130	5	20	
cis-1,2-Dichloroethene	48.2	2.0	ug/kg	50.0		96	70-125	6	20	
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-130	6	20	
1,2-Dichloropropane	48.4	2.0	ug/kg	50.0		97	70-120	9	20	
1,3-Dichloropropane	42.0	2.0	ug/kg	50.0		84	70-130	14	20	
2,2-Dichloropropane	74.9	2.0	ug/kg	50.0		150	70-150	10	20	
1,1-Dichloropropene	48.8	2.0	ug/kg	50.0		98	75-130	5	20	
cis-1,3-Dichloropropene	46.5	2.0	ug/kg	50.0		93	75-130	1	20	
trans-1,3-Dichloropropene	44.9	2.0	ug/kg	50.0		90	70-135	8	20	

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Geosyntec Consultants/Project Navigator - Ascon
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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	RPD Limit	Data Qualifiers
Batch: 4F16018 Extracted: 06/16/04										
LCS Dup Analyzed: 06/16/04 (4F16018-BSD1)										
Ethylbenzene	50.0	2.0	ug/kg	50.0		100	75-125	7	20	
Hexachlorobutadiene	46.6	5.0	ug/kg	50.0		93	75-140	6	20	
Isopropylbenzene	48.0	2.0	ug/kg	50.0		96	75-125	10	20	
p-Isopropyltoluene	46.9	2.0	ug/kg	50.0		94	75-125	8	20	
Methylene chloride	43.3	20	ug/kg	50.0		87	60-135	2	20	
Naphthalene	39.6	5.0	ug/kg	50.0		79	50-145	25	25	
n-Propylbenzene	49.1	2.0	ug/kg	50.0		98	75-130	10	20	
Styrene	50.6	2.0	ug/kg	50.0		101	80-135	5	20	
1,1,1,2-Tetrachloroethane	50.7	5.0	ug/kg	50.0		101	70-145	1	20	
1,1,2,2-Tetrachloroethane	38.4	2.0	ug/kg	50.0		77	55-145	28	30	
Tetrachloroethene	50.0	2.0	ug/kg	50.0		100	80-125	7	20	
Toluene	47.8	2.0	ug/kg	50.0		96	75-120	6	20	
1,2,3-Trichlorobenzene	43.1	5.0	ug/kg	50.0		86	65-135	7	20	
1,2,4-Trichlorobenzene	45.9	5.0	ug/kg	50.0		92	70-140	1	20	
1,1,1-Trichloroethane	52.4	2.0	ug/kg	50.0		105	75-140	4	20	
1,1,2-Trichloroethane	40.6	2.0	ug/kg	50.0		81	65-130	14	20	
Trichloroethene	47.8	2.0	ug/kg	50.0		96	75-125	5	20	
Trichlorofluoromethane	49.4	5.0	ug/kg	50.0		99	50-145	2	25	
1,2,3-Trichloropropane	36.2	10	ug/kg	50.0		72	55-140	30	25	R-7
1,2,4-Trimethylbenzene	48.7	2.0	ug/kg	50.0		97	75-125	10	20	
1,3,5-Trimethylbenzene	49.0	2.0	ug/kg	50.0		98	80-125	9	20	
Vinyl chloride	47.1	5.0	ug/kg	50.0		94	45-130	18	25	
o-Xylene	48.0	2.0	ug/kg	50.0		96	75-125	6	20	
m,p-Xylenes	99.1	2.0	ug/kg	100		99	75-125	9	20	
Surrogate: Dibromofluoromethane	49.7		ug/kg	50.0		99	80-125			
Surrogate: Toluene-d8	49.6		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	49.6		ug/kg	50.0		99	80-120			

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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
Batch: 4F16034 Extracted: 06/16/04										
Blank Analyzed: 06/17/04 (4F16034-BLK1)										
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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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
Batch: 4F16034 Extracted: 06/16/04										
Blank Analyzed: 06/17/04 (4F16034-BLK1)										
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	5530		ug/kg	6670		83	25-120			
Surrogate: Phenol-d6	5690		ug/kg	6670		85	30-120			

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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
Batch: 4F16034 Extracted: 06/16/04										
Blank Analyzed: 06/17/04 (4F16034-BLK1)										
Surrogate: 2,4,6-Tribromophenol	6180		ug/kg	6670		93	35-120			
Surrogate: Nitrobenzene-d5	2440		ug/kg	3330		73	30-120			
Surrogate: 2-Fluorobiphenyl	2810		ug/kg	3330		84	35-120			
Surrogate: Terphenyl-d14	2470		ug/kg	3330		74	35-155			
LCS Analyzed: 06/17/04 (4F16034-BS1)										
Acenaphthene	2640	330	ug/kg	3330		79	55-120			
Acenaphthylene	2700	330	ug/kg	3330		81	55-120			
Aniline	2170	420	ug/kg	3330		65	30-120			
Anthracene	2890	330	ug/kg	3330		87	55-120			
Benzidine	1610	660	ug/kg	3330		48	10-180			
Benzoic acid	2020	830	ug/kg	3330		61	30-125			
Benzo(a)anthracene	3030	330	ug/kg	3330		91	65-120			
Benzo(b)fluoranthene	2500	330	ug/kg	3330		75	65-120			
Benzo(k)fluoranthene	2240	330	ug/kg	3330		67	60-120			
Benzo(g,h,i)perylene	2900	330	ug/kg	3330		87	25-160			
Benzo(a)pyrene	2560	330	ug/kg	3330		77	60-120			
Benzyl alcohol	2650	330	ug/kg	3330		80	40-130			
Bis(2-chloroethoxy)methane	2610	330	ug/kg	3330		78	50-120			
Bis(2-chloroethyl)ether	2410	170	ug/kg	3330		72	40-120			
Bis(2-chloroisopropyl)ether	2310	330	ug/kg	3330		69	40-120			
Bis(2-ethylhexyl)phthalate	2940	330	ug/kg	3330		88	65-125			
4-Bromophenyl phenyl ether	2950	330	ug/kg	3330		89	50-125			
Butyl benzyl phthalate	2740	330	ug/kg	3330		82	65-120			
4-Chloroaniline	1460	330	ug/kg	3330		44	20-120			
2-Chloronaphthalene	2590	330	ug/kg	3330		78	50-120			
4-Chloro-3-methylphenol	2750	330	ug/kg	3330		83	50-120			
2-Chlorophenol	2480	330	ug/kg	3330		74	45-120			
4-Chlorophenyl phenyl ether	2750	330	ug/kg	3330		83	55-120			
Chrysene	3050	330	ug/kg	3330		92	60-120			
Dibenz(a,h)anthracene	3080	420	ug/kg	3330		92	25-160			
Dibenzofuran	2640	330	ug/kg	3330		79	55-120			
Di-n-butyl phthalate	2860	330	ug/kg	3330		86	60-120			
1,3-Dichlorobenzene	2220	330	ug/kg	3330		67	40-120			
1,4-Dichlorobenzene	2050	330	ug/kg	3330		62	40-120			
1,2-Dichlorobenzene	2220	330	ug/kg	3330		67	40-120			

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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
Batch: 4F16034 Extracted: 06/16/04										
LCS Analyzed: 06/17/04 (4F16034-BS1)										
3,3-Dichlorobenzidine	2010	830	ug/kg	3330		60	20-170			
2,4-Dichlorophenol	2660	330	ug/kg	3330		80	55-120			
Diethyl phthalate	2840	330	ug/kg	3330		85	55-120			
2,4-Dimethylphenol	2400	330	ug/kg	3330		72	45-120			
Dimethyl phthalate	2880	330	ug/kg	3330		86	60-120			
4,6-Dinitro-2-methylphenol	3060	420	ug/kg	3330		92	50-120			
2,4-Dinitrophenol	2480	420	ug/kg	3330		74	25-140			
2,4-Dinitrotoluene	2860	330	ug/kg	3330		86	60-140			
2,6-Dinitrotoluene	2820	330	ug/kg	3330		85	60-125			
Di-n-octyl phthalate	3170	330	ug/kg	3330		95	60-135			
Fluoranthene	2730	330	ug/kg	3330		82	55-130			
Fluorene	2710	330	ug/kg	3330		81	55-120			
Hexachlorobenzene	2930	330	ug/kg	3330		88	45-120			
Hexachlorobutadiene	2310	330	ug/kg	3330		69	40-120			
Hexachlorocyclopentadiene	2500	830	ug/kg	3330		75	45-130			
Hexachloroethane	2120	330	ug/kg	3330		64	40-120			
Indeno(1,2,3-cd)pyrene	3270	330	ug/kg	3330		98	25-150			
Isophorone	2520	330	ug/kg	3330		76	45-120			
2-Methylnaphthalene	2470	330	ug/kg	3330		74	50-120			
2-Methylphenol	2620	330	ug/kg	3330		79	50-120			
4-Methylphenol	2690	330	ug/kg	3330		81	50-120			
Naphthalene	2420	330	ug/kg	3330		73	45-120			
2-Nitroaniline	2960	330	ug/kg	3330		89	55-130			
3-Nitroaniline	2030	330	ug/kg	3330		61	40-140			
4-Nitroaniline	2920	830	ug/kg	3330		88	40-160			
Nitrobenzene	2340	330	ug/kg	3330		70	45-120			
2-Nitrophenol	2580	330	ug/kg	3330		77	50-120			
4-Nitrophenol	2640	830	ug/kg	3330		79	45-135			
N-Nitrosodiphenylamine	2960	330	ug/kg	3330		89	55-120			
N-Nitroso-di-n-propylamine	2490	250	ug/kg	3330		75	45-120			
Pentachlorophenol	3100	830	ug/kg	3330		93	50-120			
Phenanthrene	2890	330	ug/kg	3330		87	55-120			
Phenol	2400	330	ug/kg	3330		72	45-120			
Pyrene	2450	330	ug/kg	3330		74	50-120			
1,2,4-Trichlorobenzene	2310	330	ug/kg	3330		69	45-120			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F16034 Extracted: 06/16/04										
LCS Analyzed: 06/17/04 (4F16034-BS1)										
2,4,5-Trichlorophenol	2910	330	ug/kg	3330		87	55-120			
2,4,6-Trichlorophenol	2900	330	ug/kg	3330		87	55-120			
1,2-Diphenylhydrazine/Azobenzene	2970	330	ug/kg	3330		89	60-120			
Surrogate: 2-Fluorophenol	4990		ug/kg	6670		75	25-120			
Surrogate: Phenol-d6	5170		ug/kg	6670		78	30-120			
Surrogate: 2,4,6-Tribromophenol	5990		ug/kg	6670		90	35-120			
Surrogate: Nitrobenzene-d5	2310		ug/kg	3330		69	30-120			
Surrogate: 2-Fluorobiphenyl	2550		ug/kg	3330		77	35-120			
Surrogate: Terphenyl-d14	2520		ug/kg	3330		76	35-155			
Matrix Spike Analyzed: 06/18/04 (4F16034-MS1)										
Source: INF0844-01										
Acenaphthene	3480	670	ug/kg	3330	ND	105	45-120			
Acenaphthylene	3400	670	ug/kg	3330	ND	102	45-120			
Aniline	2150	830	ug/kg	3330	ND	65	30-120			
Anthracene	3700	670	ug/kg	3330	ND	111	55-120			
Benzidine	ND	1300	ug/kg	3330	ND		10-180			M2
Benzoic acid	1780	1700	ug/kg	3330	ND	53	20-125			
Benzo(a)anthracene	3760	670	ug/kg	3330	ND	113	55-120			
Benzo(b)fluoranthene	3240	670	ug/kg	3330	ND	97	65-120			
Benzo(k)fluoranthene	3330	670	ug/kg	3330	ND	100	55-120			
Benzo(g,h,i)perylene	2070	670	ug/kg	3330	ND	62	25-160			
Benzo(a)pyrene	3160	670	ug/kg	3330	ND	95	60-120			
Benzyl alcohol	3570	670	ug/kg	3330	ND	107	40-130			
Bis(2-chloroethoxy)methane	3250	670	ug/kg	3330	ND	98	45-120			
Bis(2-chloroethyl)ether	3110	330	ug/kg	3330	ND	93	40-120			
Bis(2-chloroisopropyl)ether	3160	670	ug/kg	3330	ND	95	40-120			
Bis(2-ethylhexyl)phthalate	4610	670	ug/kg	3330	ND	138	60-135			M1
4-Bromophenyl phenyl ether	3510	670	ug/kg	3330	ND	105	50-125			
Butyl benzyl phthalate	4330	670	ug/kg	3330	ND	130	55-150			
4-Chloroaniline	2050	670	ug/kg	3330	ND	62	20-120			
2-Chloronaphthalene	3450	670	ug/kg	3330	ND	104	55-120			
4-Chloro-3-methylphenol	3610	670	ug/kg	3330	ND	108	45-125			
2-Chlorophenol	3350	670	ug/kg	3330	ND	101	40-120			
4-Chlorophenyl phenyl ether	3340	670	ug/kg	3330	ND	100	55-120			
Chrysene	3940	670	ug/kg	3330	ND	118	60-120			
Dibenz(a,h)anthracene	2280	830	ug/kg	3330	ND	68	25-160			

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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
Batch: 4F16034 Extracted: 06/16/04										
Matrix Spike Analyzed: 06/18/04 (4F16034-MS1)					Source: INF0844-01					
Dibenzofuran	3390	670	ug/kg	3330	ND	102	55-120			
Di-n-butyl phthalate	3890	670	ug/kg	3330	ND	117	60-120			
1,3-Dichlorobenzene	2860	670	ug/kg	3330	ND	86	35-120			
1,4-Dichlorobenzene	2800	670	ug/kg	3330	ND	84	40-120			
1,2-Dichlorobenzene	2940	670	ug/kg	3330	ND	88	40-120			
3,3-Dichlorobenzidine	1900	1700	ug/kg	3330	ND	57	20-170			
2,4-Dichlorophenol	3270	670	ug/kg	3330	ND	98	40-120			
Diethyl phthalate	3490	670	ug/kg	3330	ND	105	55-120			
2,4-Dimethylphenol	3240	670	ug/kg	3330	ND	97	35-120			
Dimethyl phthalate	3400	670	ug/kg	3330	ND	102	50-120			
4,6-Dinitro-2-methylphenol	3050	830	ug/kg	3330	ND	92	40-120			
2,4-Dinitrophenol	2380	830	ug/kg	3330	ND	71	20-140			
2,4-Dinitrotoluene	3530	670	ug/kg	3330	ND	106	55-140			
2,6-Dinitrotoluene	3700	670	ug/kg	3330	ND	111	55-125			
Di-n-octyl phthalate	4410	670	ug/kg	3330	ND	132	45-140			
Fluoranthene	3200	670	ug/kg	3330	ND	96	45-130			
Fluorene	3380	670	ug/kg	3330	ND	102	55-120			
Hexachlorobenzene	3420	670	ug/kg	3330	ND	103	35-120			
Hexachlorobutadiene	2880	670	ug/kg	3330	ND	86	40-120			
Hexachlorocyclopentadiene	1790	1700	ug/kg	3330	ND	54	30-145			
Hexachloroethane	2880	670	ug/kg	3330	ND	86	40-120			
Indeno(1,2,3-cd)pyrene	2260	670	ug/kg	3330	ND	68	25-150			
Isophorone	3250	670	ug/kg	3330	ND	98	40-120			
2-Methylnaphthalene	3340	670	ug/kg	3330	ND	100	40-120			
2-Methylphenol	3450	670	ug/kg	3330	ND	104	40-120			
4-Methylphenol	3510	670	ug/kg	3330	ND	105	40-120			
Naphthalene	3390	670	ug/kg	3330	ND	102	40-120			
2-Nitroaniline	3470	670	ug/kg	3330	ND	104	55-130			
3-Nitroaniline	2500	670	ug/kg	3330	ND	75	40-140			
4-Nitroaniline	2750	1700	ug/kg	3330	ND	83	40-160			
Nitrobenzene	3100	670	ug/kg	3330	ND	93	45-120			
2-Nitrophenol	3310	670	ug/kg	3330	ND	99	40-120			
4-Nitrophenol	2960	1700	ug/kg	3330	ND	89	35-135			
N-Nitrosodiphenylamine	3780	670	ug/kg	3330	ND	114	55-120			
N-Nitroso-di-n-propylamine	3430	500	ug/kg	3330	ND	103	40-120			

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 Project ID: Ascon - Soils
 SB0202/31
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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
Batch: 4F16034 Extracted: 06/16/04										
Matrix Spike Analyzed: 06/18/04 (4F16034-MS1)					Source: INF0844-01					
Pentachlorophenol	2610	1700	ug/kg	3330	ND	78	40-120			
Phenanthrene	3490	670	ug/kg	3330	ND	105	55-120			
Phenol	3260	670	ug/kg	3330	ND	98	40-120			
Pyrene	4230	670	ug/kg	3330	ND	127	50-120			M1
1,2,4-Trichlorobenzene	3060	670	ug/kg	3330	ND	92	45-120			
2,4,5-Trichlorophenol	3440	670	ug/kg	3330	ND	103	55-120			
2,4,6-Trichlorophenol	3480	670	ug/kg	3330	ND	105	40-120			
1,2-Diphenylhydrazine/Azobenzene	3960	670	ug/kg	3330	ND	119	60-120			
Surrogate: 2-Fluorophenol	6120		ug/kg	6670		92	25-120			
Surrogate: Phenol-d6	6170		ug/kg	6670		93	30-120			
Surrogate: 2,4,6-Tribromophenol	6870		ug/kg	6670		103	35-120			
Surrogate: Nitrobenzene-d5	3090		ug/kg	3330		93	30-120			
Surrogate: 2-Fluorobiphenyl	3300		ug/kg	3330		99	35-120			
Surrogate: Terphenyl-d14	3910		ug/kg	3330		117	35-155			
Matrix Spike Dup Analyzed: 06/18/04 (4F16034-MSD1)					Source: INF0844-01					
Acenaphthene	3190	670	ug/kg	3330	ND	96	45-120	9	20	
Acenaphthylene	3230	670	ug/kg	3330	ND	97	45-120	5	20	
Aniline	2070	830	ug/kg	3330	ND	62	30-120	4	25	
Anthracene	3360	670	ug/kg	3330	ND	101	55-120	10	20	
Benzidine	ND	1300	ug/kg	3330	ND		10-180		25	M2
Benzoic acid	1660	1700	ug/kg	3330	ND	50	20-125	7	25	
Benzo(a)anthracene	3470	670	ug/kg	3330	ND	104	55-120	8	20	
Benzo(b)fluoranthene	3040	670	ug/kg	3330	ND	91	65-120	6	20	
Benzo(k)fluoranthene	3130	670	ug/kg	3330	ND	94	55-120	6	20	
Benzo(g,h,i)perylene	1450	670	ug/kg	3330	ND	44	25-160	35	25	R
Benzo(a)pyrene	2870	670	ug/kg	3330	ND	86	60-120	10	20	
Benzyl alcohol	3260	670	ug/kg	3330	ND	98	40-130	9	25	
Bis(2-chloroethoxy)methane	2880	670	ug/kg	3330	ND	86	45-120	12	20	
Bis(2-chloroethyl)ether	2790	330	ug/kg	3330	ND	84	40-120	11	25	
Bis(2-chloroisopropyl)ether	2840	670	ug/kg	3330	ND	85	40-120	11	25	
Bis(2-ethylhexyl)phthalate	4280	670	ug/kg	3330	ND	129	60-135	7	20	
4-Bromophenyl phenyl ether	3300	670	ug/kg	3330	ND	99	50-125	6	20	
Butyl benzyl phthalate	4100	670	ug/kg	3330	ND	123	55-150	5	20	
4-Chloroaniline	1990	670	ug/kg	3330	ND	60	20-120	3	25	
2-Chloronaphthalene	3200	670	ug/kg	3330	ND	96	55-120	8	20	

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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
Batch: 4F16034 Extracted: 06/16/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F16034-MSD1)					Source: INF0844-01					
4-Chloro-3-methylphenol	3330	670	ug/kg	3330	ND	100	45-125	8	20	
2-Chlorophenol	2990	670	ug/kg	3330	ND	90	40-120	11	20	
4-Chlorophenyl phenyl ether	3090	670	ug/kg	3330	ND	93	55-120	8	20	
Chrysene	3610	670	ug/kg	3330	ND	108	60-120	9	20	
Dibenz(a,h)anthracene	1740	830	ug/kg	3330	ND	52	25-160	27	25	R
Dibenzofuran	3220	670	ug/kg	3330	ND	97	55-120	5	20	
Di-n-butyl phthalate	3410	670	ug/kg	3330	ND	102	60-120	13	20	
1,3-Dichlorobenzene	2610	670	ug/kg	3330	ND	78	35-120	9	25	
1,4-Dichlorobenzene	2450	670	ug/kg	3330	ND	74	40-120	13	25	
1,2-Dichlorobenzene	2610	670	ug/kg	3330	ND	78	40-120	12	20	
3,3-Dichlorobenzidine	1600	1700	ug/kg	3330	ND	48	20-170	17	25	
2,4-Dichlorophenol	2950	670	ug/kg	3330	ND	89	40-120	10	20	
Diethyl phthalate	3240	670	ug/kg	3330	ND	97	55-120	7	20	
2,4-Dimethylphenol	2940	670	ug/kg	3330	ND	88	35-120	10	25	
Dimethyl phthalate	3180	670	ug/kg	3330	ND	95	50-120	7	20	
4,6-Dinitro-2-methylphenol	2950	830	ug/kg	3330	ND	89	40-120	3	20	
2,4-Dinitrophenol	2230	830	ug/kg	3330	ND	67	20-140	7	25	
2,4-Dinitrotoluene	3330	670	ug/kg	3330	ND	100	55-140	6	20	
2,6-Dinitrotoluene	3420	670	ug/kg	3330	ND	103	55-125	8	20	
Di-n-octyl phthalate	4060	670	ug/kg	3330	ND	122	45-140	8	20	
Fluoranthene	2880	670	ug/kg	3330	ND	86	45-130	11	20	
Fluorene	3140	670	ug/kg	3330	ND	94	55-120	7	20	
Hexachlorobenzene	3260	670	ug/kg	3330	ND	98	35-120	5	25	
Hexachlorobutadiene	2570	670	ug/kg	3330	ND	77	40-120	11	20	
Hexachlorocyclopentadiene	1550	1700	ug/kg	3330	ND	47	30-145	14	30	
Hexachloroethane	2510	670	ug/kg	3330	ND	75	40-120	14	20	
Indeno(1,2,3-cd)pyrene	1630	670	ug/kg	3330	ND	49	25-150	32	25	R
Isophorone	2910	670	ug/kg	3330	ND	87	40-120	11	20	
2-Methylnaphthalene	2970	670	ug/kg	3330	ND	89	40-120	12	20	
2-Methylphenol	3160	670	ug/kg	3330	ND	95	40-120	9	20	
4-Methylphenol	3310	670	ug/kg	3330	ND	99	40-120	6	20	
Naphthalene	3010	670	ug/kg	3330	ND	90	40-120	12	20	
2-Nitroaniline	3250	670	ug/kg	3330	ND	98	55-130	7	20	
3-Nitroaniline	2310	670	ug/kg	3330	ND	69	40-140	8	25	
4-Nitroaniline	2630	1700	ug/kg	3330	ND	79	40-160	4	20	

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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
Batch: 4F16034 Extracted: 06/16/04										
Matrix Spike Dup Analyzed: 06/18/04 (4F16034-MSD1)					Source: INF0844-01					
Nitrobenzene	2830	670	ug/kg	3330	ND	85	45-120	9	20	
2-Nitrophenol	3000	670	ug/kg	3330	ND	90	40-120	10	20	
4-Nitrophenol	2750	1700	ug/kg	3330	ND	83	35-135	7	25	
N-Nitrosodiphenylamine	3510	670	ug/kg	3330	ND	105	55-120	7	20	
N-Nitroso-di-n-propylamine	3140	500	ug/kg	3330	ND	94	40-120	9	20	
Pentachlorophenol	2420	1700	ug/kg	3330	ND	73	40-120	8	20	
Phenanthrene	3220	670	ug/kg	3330	ND	97	55-120	8	20	
Phenol	2900	670	ug/kg	3330	ND	87	40-120	12	20	
Pyrene	4090	670	ug/kg	3330	ND	123	50-120	3	20	MI
1,2,4-Trichlorobenzene	2740	670	ug/kg	3330	ND	82	45-120	11	20	
2,4,5-Trichlorophenol	3230	670	ug/kg	3330	ND	97	55-120	6	20	
2,4,6-Trichlorophenol	3290	670	ug/kg	3330	ND	99	40-120	6	20	
1,2-Diphenylhydrazine/Azobenzene	3720	670	ug/kg	3330	ND	112	60-120	6	20	
Surrogate: 2-Fluorophenol	5620		ug/kg	6670		84	25-120			
Surrogate: Phenol-d6	5660		ug/kg	6670		85	30-120			
Surrogate: 2,4,6-Tribromophenol	6490		ug/kg	6670		97	35-120			
Surrogate: Nitrobenzene-d5	2790		ug/kg	3330		84	30-120			
Surrogate: 2-Fluorobiphenyl	3030		ug/kg	3330		91	35-120			
Surrogate: Terphenyl-d14	3880		ug/kg	3330		117	35-155			

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F15072 Extracted: 06/15/04										
Blank Analyzed: 06/16/04 (4F15072-BLK1)										
Aldrin	ND	5.0	ug/kg							
alpha-BHC	ND	5.0	ug/kg							
beta-BHC	ND	5.0	ug/kg							
delta-BHC	ND	10	ug/kg							
gamma-BHC (Lindane)	ND	5.0	ug/kg							
Chlordane	ND	50	ug/kg							
4,4'-DDD	ND	5.0	ug/kg							
4,4'-DDE	ND	5.0	ug/kg							
4,4'-DDT	ND	5.0	ug/kg							
Dieldrin	ND	5.0	ug/kg							
Endosulfan I	ND	5.0	ug/kg							
Endosulfan II	ND	5.0	ug/kg							
Endosulfan sulfate	ND	10	ug/kg							
Endrin	ND	5.0	ug/kg							
Endrin aldehyde	ND	5.0	ug/kg							
Endrin ketone	ND	5.0	ug/kg							
Heptachlor	ND	5.0	ug/kg							
Heptachlor epoxide	ND	5.0	ug/kg							
Methoxychlor	ND	5.0	ug/kg							
Toxaphene	ND	200	ug/kg							
Surrogate: Tetrachloro-m-xylene	23.9		ug/kg	33.3		72	35-115			
Surrogate: Decachlorobiphenyl	27.2		ug/kg	33.3		82	45-125			

LCS Analyzed: 06/16/04 (4F15072-BS1)

Aldrin	24.5	5.0	ug/kg	33.3		74	50-115			
alpha-BHC	25.2	5.0	ug/kg	33.3		76	55-115			
beta-BHC	26.7	5.0	ug/kg	33.3		80	55-115			
delta-BHC	28.2	10	ug/kg	33.3		85	60-115			
gamma-BHC (Lindane)	25.9	5.0	ug/kg	33.3		78	55-115			
4,4'-DDD	26.7	5.0	ug/kg	33.3		80	65-115			
4,4'-DDE	27.7	5.0	ug/kg	33.3		83	65-115			
4,4'-DDT	30.5	5.0	ug/kg	33.3		92	70-125			
Dieldrin	27.1	5.0	ug/kg	33.3		81	65-115			
Endosulfan I	26.1	5.0	ug/kg	33.3		78	60-115			
Endosulfan II	26.7	5.0	ug/kg	33.3		80	70-115			
Endosulfan sulfate	26.6	10	ug/kg	33.3		80	65-115			

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F15072 Extracted: 06/15/04										
LCS Analyzed: 06/16/04 (4F15072-BS1)										
Endrin	27.6	5.0	ug/kg	33.3		83	70-115			
Endrin aldehyde	30.5	5.0	ug/kg	33.3		92	55-115			
Endrin ketone	29.2	5.0	ug/kg	33.3		88	65-115			
Heptachlor	25.2	5.0	ug/kg	33.3		76	50-115			
Heptachlor epoxide	24.0	5.0	ug/kg	33.3		72	60-115			
Methoxychlor	30.3	5.0	ug/kg	33.3		91	65-125			
Surrogate: Tetrachloro- <i>m</i> -xylene	23.6		ug/kg	33.3		71	35-115			
Surrogate: Decachlorobiphenyl	28.8		ug/kg	33.3		86	45-125			
Matrix Spike Analyzed: 06/16/04 (4F15072-MS1)										
Source: INF0844-01										
Aldrin	18.2	5.0	ug/kg	33.3	ND	55	50-115			
alpha-BHC	18.8	5.0	ug/kg	33.3	ND	56	40-130			
beta-BHC	19.2	5.0	ug/kg	33.3	1.4	53	35-125			
delta-BHC	20.0	10	ug/kg	33.3	ND	60	50-140			
gamma-BHC (Lindane)	19.2	5.0	ug/kg	33.3	ND	58	50-115			
4,4'-DDD	18.0	5.0	ug/kg	33.3	ND	54	40-140			
4,4'-DDE	20.7	5.0	ug/kg	33.3	1.9	56	45-120			
4,4'-DDT	22.4	5.0	ug/kg	33.3	3.8	56	55-125			
Dieldrin	19.3	5.0	ug/kg	33.3	0.96	55	45-130			
Endosulfan I	18.5	5.0	ug/kg	33.3	0.53	54	50-120			
Endosulfan II	17.8	5.0	ug/kg	33.3	ND	53	50-125			
Endosulfan sulfate	17.7	10	ug/kg	33.3	ND	53	40-140			
Endrin	19.6	5.0	ug/kg	33.3	ND	59	50-140			
Endrin aldehyde	16.0	5.0	ug/kg	33.3	3.9	36	35-135			
Endrin ketone	19.0	5.0	ug/kg	33.3	ND	57	50-135			
Heptachlor	19.9	5.0	ug/kg	33.3	2.2	53	45-120			
Heptachlor epoxide	18.4	5.0	ug/kg	33.3	1.1	52	40-120			
Methoxychlor	18.3	5.0	ug/kg	33.3	ND	55	40-150			
Surrogate: Tetrachloro- <i>m</i> -xylene	18.3		ug/kg	33.3		55	35-115			
Surrogate: Decachlorobiphenyl	17.3		ug/kg	33.3		52	45-125			

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F15072 Extracted: 06/15/04										
Matrix Spike Dup Analyzed: 06/17/04 (4F15072-MSD1)					Source: INF0844-01					
Aldrin	20.2	5.0	ug/kg	33.3	ND	61	50-115	10	25	
alpha-BHC	21.1	5.0	ug/kg	33.3	ND	63	40-130	12	25	
beta-BHC	20.6	5.0	ug/kg	33.3	1.4	58	35-125	7	25	
delta-BHC	21.9	10	ug/kg	33.3	ND	66	50-140	9	20	
gamma-BHC (Lindane)	21.4	5.0	ug/kg	33.3	ND	64	50-115	11	25	
4,4'-DDD	21.5	5.0	ug/kg	33.3	ND	65	40-140	18	25	
4,4'-DDE	22.3	5.0	ug/kg	33.3	1.9	61	45-120	7	20	
4,4'-DDT	20.3	5.0	ug/kg	33.3	3.8	50	55-125	10	25	M2
Dieldrin	21.3	5.0	ug/kg	33.3	0.96	61	45-130	10	25	
Endosulfan I	20.4	5.0	ug/kg	33.3	0.53	60	50-120	10	25	
Endosulfan II	19.7	5.0	ug/kg	33.3	ND	59	50-125	10	25	
Endosulfan sulfate	19.3	10	ug/kg	33.3	ND	58	40-140	9	25	
Endrin	21.5	5.0	ug/kg	33.3	ND	65	50-140	9	25	
Endrin aldehyde	19.4	5.0	ug/kg	33.3	3.9	47	35-135	19	20	
Endrin ketone	19.9	5.0	ug/kg	33.3	ND	60	50-135	5	25	
Heptachlor	21.8	5.0	ug/kg	33.3	2.2	59	45-120	9	25	
Heptachlor epoxide	20.3	5.0	ug/kg	33.3	1.1	58	40-120	10	25	
Methoxychlor	18.4	5.0	ug/kg	33.3	ND	55	40-150	1	25	
Surrogate: Tetrachloro-m-xylene	20.5		ug/kg	33.3		62	35-115			
Surrogate: Decachlorobiphenyl	19.1		ug/kg	33.3		57	45-125			

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F15072 Extracted: 06/15/04										
Blank Analyzed: 06/22/04 (4F15072-BLK2)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	32.0		ug/kg	33.3		96	45-125			
LCS Analyzed: 06/22/04 (4F15072-BS2)										
Aroclor 1016	199	50	ug/kg	267		75	60-115			
Aroclor 1260	213	50	ug/kg	267		80	60-115			
Surrogate: Decachlorobiphenyl	27.6		ug/kg	33.3		83	45-125			
Matrix Spike Analyzed: 06/22/04 (4F15072-MS2)					Source: INF0844-01					
Aroclor 1016	207	50	ug/kg	267	ND	78	55-120			
Aroclor 1260	232	50	ug/kg	267	29	76	55-115			
Surrogate: Decachlorobiphenyl	26.8		ug/kg	33.3		80	45-125			
Matrix Spike Dup Analyzed: 06/22/04 (4F15072-MSD2)					Source: INF0844-01					
Aroclor 1016	211	50	ug/kg	267	ND	79	55-120	2	25	
Aroclor 1260	237	50	ug/kg	267	29	78	55-115	2	25	
Surrogate: Decachlorobiphenyl	27.4		ug/kg	33.3		82	45-125			

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F15062 Extracted: 06/15/04										
Blank Analyzed: 06/15/04 (4F15062-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 06/15/04 (4F15062-BS1)										
Mercury	0.805	0.020	mg/kg	0.800		101	85-120			
Matrix Spike Analyzed: 06/15/04 (4F15062-MS1)										
					Source: INF0844-04					
Mercury	0.702	0.020	mg/kg	0.800	0.032	84	65-135			
Matrix Spike Dup Analyzed: 06/15/04 (4F15062-MSD1)										
					Source: INF0844-04					
Mercury	0.700	0.020	mg/kg	0.800	0.032	84	65-135	0	20	
Batch: 4F15070 Extracted: 06/15/04										
Blank Analyzed: 06/15/04 (4F15070-BLK1)										
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							

Del Mar Analytical, Irvine
 Kathleen A. Robb For 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: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	Data Qualifiers
Batch: 4F15070 Extracted: 06/15/04									
LCS Analyzed: 06/15/04 (4F15070-BS1)									
Antimony	46.8	10	mg/kg	50.0		94	80-120		
Arsenic	46.0	2.0	mg/kg	50.0		92	80-120		
Barium	47.6	1.0	mg/kg	50.0		95	80-120		
Beryllium	47.6	0.50	mg/kg	50.0		95	80-120		
Cadmium	45.1	0.50	mg/kg	50.0		90	80-120		
Chromium	47.6	1.0	mg/kg	50.0		95	80-120		
Cobalt	46.9	1.0	mg/kg	50.0		94	80-120		
Copper	45.7	2.0	mg/kg	50.0		91	80-120		
Lead	47.0	2.0	mg/kg	50.0		94	80-120		
Molybdenum	47.9	2.0	mg/kg	50.0		96	80-120		
Nickel	46.1	2.0	mg/kg	50.0		92	80-120		
Selenium	43.8	2.0	mg/kg	50.0		88	80-120		
Silver	23.7	1.0	mg/kg	25.0		95	80-120		
Thallium	42.8	10	mg/kg	50.0		86	80-120		
Vanadium	48.1	1.0	mg/kg	50.0		96	80-120		
Zinc	45.0	5.0	mg/kg	50.0		90	80-120		

Matrix Spike Analyzed: 06/15/04 (4F15070-MS1)

Source: INF0876-03

Antimony	25.8	10	mg/kg	50.0	1.1	49	75-125		M2
Arsenic	47.8	2.0	mg/kg	50.0	4.2	87	75-125		
Barium	97.4	1.0	mg/kg	50.0	94	7	75-125		M2
Beryllium	47.9	0.50	mg/kg	50.0	0.59	95	75-125		
Cadmium	44.1	0.50	mg/kg	50.0	0.21	88	75-125		
Chromium	65.2	1.0	mg/kg	50.0	20	90	75-125		
Cobalt	55.1	1.0	mg/kg	50.0	6.5	97	75-125		
Copper	55.5	2.0	mg/kg	50.0	7.7	96	75-125		
Lead	51.9	2.0	mg/kg	50.0	5.8	92	75-125		
Molybdenum	45.1	2.0	mg/kg	50.0	1.0	88	75-125		
Nickel	52.7	2.0	mg/kg	50.0	7.4	91	75-125		
Selenium	40.9	2.0	mg/kg	50.0	ND	82	75-125		
Silver	23.5	1.0	mg/kg	25.0	ND	94	75-125		
Thallium	41.1	10	mg/kg	50.0	ND	82	75-125		
Vanadium	101	1.0	mg/kg	50.0	54	94	75-125		
Zinc	80.6	5.0	mg/kg	50.0	37	87	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	RPD Limit	Data Qualifiers
Batch: 4F15070 Extracted: 06/15/04										
Matrix Spike Dup Analyzed: 06/15/04 (4F15070-MSD1)					Source: INF0876-03					
Antimony	24.1	10	mg/kg	50.0	1.1	46	75-125	7	20	M2
Arsenic	48.6	2.0	mg/kg	50.0	4.2	89	75-125	2	20	
Barium	94.3	1.0	mg/kg	50.0	94	1	75-125	3	20	M2
Beryllium	48.9	0.50	mg/kg	50.0	0.59	97	75-125	2	20	
Cadmium	45.6	0.50	mg/kg	50.0	0.21	91	75-125	3	20	
Chromium	67.0	1.0	mg/kg	50.0	20	94	75-125	3	20	
Cobalt	53.4	1.0	mg/kg	50.0	6.5	94	75-125	3	20	
Copper	57.6	2.0	mg/kg	50.0	7.7	100	75-125	4	20	
Lead	51.8	2.0	mg/kg	50.0	5.8	92	75-125	0	20	
Molybdenum	46.0	2.0	mg/kg	50.0	1.0	90	75-125	2	20	
Nickel	54.0	2.0	mg/kg	50.0	7.4	93	75-125	2	20	
Selenium	42.2	2.0	mg/kg	50.0	ND	84	75-125	3	20	
Silver	24.4	1.0	mg/kg	25.0	ND	98	75-125	4	20	
Thallium	42.4	10	mg/kg	50.0	ND	85	75-125	3	20	
Vanadium	104	1.0	mg/kg	50.0	54	100	75-125	3	20	
Zinc	81.8	5.0	mg/kg	50.0	37	90	75-125	1	20	

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METHOD BLANK/QC DATA

ORGANIC LEAD BY GFAA (HML 939-M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F21080 Extracted: 06/21/04										
Blank Analyzed: 06/24/04 (4F21080-BLK1)										
Organic Lead	ND	50	ug/kg							
LCS Analyzed: 06/24/04 (4F21080-BS1)										
Organic Lead	105	50	ug/kg	100		105	80-120			
Matrix Spike Analyzed: 06/24/04 (4F21080-MS1)										
Organic Lead	95.3	50	ug/kg	100	ND	95	80-120			
Matrix Spike Dup Analyzed: 06/24/04 (4F21080-MSD1)										
Organic Lead	88.1	50	ug/kg	100	ND	88	80-120	8	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
Batch: 4F15061 Extracted: 06/15/04										
Duplicate Analyzed: 06/15/04 (4F15061-DUP1)										
pH	7.88	NA	pH Units		7.86			0	5	
Batch: 4F16075 Extracted: 06/16/04										
Blank Analyzed: 06/22/04 (4F16075-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 06/22/04 (4F16075-BS1)										
Chromium VI	4.48	0.20	mg/kg	5.00		90	65-110			
Matrix Spike Analyzed: 06/22/04 (4F16075-MS1)										
Chromium VI	3.00	0.20	mg/kg	5.00	0.091	58	55-110			
Matrix Spike Dup Analyzed: 06/22/04 (4F16075-MSD1)										
Chromium VI	2.85	0.20	mg/kg	5.00	0.091	55	55-110	5	20	
Batch: 4F17051 Extracted: 06/17/04										
Blank Analyzed: 06/17/04 (4F17051-BLK1)										
Oil & Grease	ND	5.0	mg/kg							
LCS Analyzed: 06/17/04 (4F17051-BS1)										
Oil & Grease	17.3	5.0	mg/kg	20.0		86	55-130			
Matrix Spike Analyzed: 06/17/04 (4F17051-MS1)										
Oil & Grease	50.1	5.0	mg/kg	20.0	45	25	35-130			M2

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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF0844

Sampled: 06/14/04
 Received: 06/14/04

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4F17051 Extracted: 06/17/04										
Matrix Spike Dup Analyzed: 06/17/04 (4F17051-MSD1)					Source: INF0844-04					
Oil & Grease	62.5	5.0	mg/kg	20.0	45	88	35-130	22	25	

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GC CALIBRATION CHECK CRITERIA

Per Method 8000B of SW-846, the percent recovery of the calibration checks for GC analyses must be within $\pm 15\%$ from the true value for each individual compound or the average % recovery of all compounds in the calibration check solution must be within $\pm 15\%$ recovery. Per Method 8000B, the end user is to be notified if the latter situation occurs.

The % recovery for the following individual compounds fell outside the $\pm 15\%$ criteria, however the average % recovery of all compounds in the calibration check solution was within $\pm 15\%$, thus meeting the overall calibration check criteria.

<u>Compound</u>	<u>Footnote</u>	<u>Calibration Check % Recovery</u>	<u>Lab Number</u>	<u>Batch</u>
4,4'-DDD	1	131	INF0844-01	4F15072
4,4'-DDD	1	137	INF0844-02	4F15072
4,4'-DDD	1	131	INF0844-04	4F15072
4,4'-DDD	1	131	INF0844-07	4F15072
4,4'-DDD	1	137	INF0844-08	4F15072
4,4'-DDD	1	137	INF0844-09	4F15072
4,4'-DDT	2	28	INF0844-01	4F15072
4,4'-DDT	2	22	INF0844-02	4F15072
4,4'-DDT	2	28	INF0844-04	4F15072
4,4'-DDT	2	28	INF0844-07	4F15072
4,4'-DDT	2	22	INF0844-08	4F15072
4,4'-DDT	2	22	INF0844-09	4F15072
Endrin ketone	2	72	INF0844-01	4F15072
Endrin ketone	2	57	INF0844-02	4F15072
Endrin ketone	2	72	INF0844-04	4F15072
Endrin ketone	2	72	INF0844-07	4F15072
Endrin ketone	2	57	INF0844-08	4F15072
Endrin ketone	2	57	INF0844-09	4F15072
Heptachlor	2	79	INF0844-01	4F15072
Heptachlor	2	68	INF0844-02	4F15072
Heptachlor	2	79	INF0844-04	4F15072
Heptachlor	2	79	INF0844-07	4F15072
Heptachlor	2	68	INF0844-08	4F15072
Heptachlor	2	68	INF0844-09	4F15072
Methoxychlor	2	45	INF0844-01	4F15072
Methoxychlor	2	31	INF0844-02	4F15072
Methoxychlor	2	45	INF0844-04	4F15072
Methoxychlor	2	45	INF0844-07	4F15072
Methoxychlor	2	31	INF0844-08	4F15072
Methoxychlor	2	31	INF0844-09	4F15072

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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INF0844

Sampled: 06/14/04
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Footnotes:

- 1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.
- 2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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DATA QUALIFIERS AND DEFINITIONS

- C-1** Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- C-2** Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- C-7** Calibration Verification recovery was below the method control limit due to matrix interference carried over from analytical samples. The matrix interference was confirmed by reanalysis with the same result.
- 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).
- 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-1** The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
- 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.
- Z** Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z2** Surrogate recovery was above the acceptance limits. Data not impacted.
- 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.
- ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- 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.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 3545/8081A	Soil	X	X
EPA 3545/8082	Soil	X	X
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 8270C	Soil	X	X
EPA 9045C	Soil	X	X
HML 939-M	Soil		
SW846 7.1.2	Soil		
SW846 7.3.2.1	Soil		X
SW-846 9095A	Soil		

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.

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INF 0844

CHAIN OF CUSTODY FORM

Client Name/Address:		P.O. #:		ANALYSIS REQUIRED			
Geo Syntec 2100 main st # 150 Huntington Beach, CA 92648		SB0702-131		See project list EPA 9095 EPA 5035 - Encn 8060			
Project Manager/Phone Number:		Project:		Special Instructions			
Mike Reardon (714) 969-0800		Ascon Soils		802/402 - Composite as PNL-PE1 Sample ID = PNL-PDI - Composite as PNL-PE1 Sample ID = PNL-PDI			
Sampler:		Phone Number:		Turnaround Time: (check)			
Dwugu Tokat		(714) 969-0800		Same Day _____ 24 Hours _____ 48 hours _____			
Sample Description		Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions
PNL-PG1	Soil	glass	2	2	6-14-04 1027	None	
PNL-PCI-9	Soil	SS ring	1	1	6-14-04 0838	None	
PNL-PCI-7	Soil	SS ring	1	1	6-14-04 0823	None	
PNL-PDI-4-EC	Soil	ENCORE	3	3	6-14-04 0915	None	
PNL-PDI-4-350	Soil	SS ring	1	1	6-14-04 0915	None	
PNL-PE1-12-EC	Soil	ENCORE	3	3	6-14-04 1130	None	
PNL-PE1-7-EC	Soil	ENCORE	3	3	6-14-04 1115	None	
PNL-PE1-13.5	Soil	SS ring	1	1	6-14-04 1128	None	
PNL-PE1-10.5	Soil	SS ring	1	1	6-14-04 1122	None	
PNL-PE1-6.5	Soil	SS ring	1	1	6-14-04 1115	None	
PNL-PE1-4	Soil	SS ring	1	1	6-14-04 1110	None	
PNL-PDIB-11.5	Soil	SS ring	1	1	6-14-04 1355	None	
PNL-PCIA	Soil	SS ring	1	1	6-14-04 1435	None	

Relinquished By: *Kevin Dege* Date/Time: 6-14-04 1715
 Relinquished By: *Mike Reardon* Date/Time: 6-14-04 1745
 Relinquished By: *Mike Reardon* Date/Time: 6-14-04 1745

Received By: *Mike Reardon* Date/Time: 6-14-04 1715
 Received By: *Mike Reardon* Date/Time: 6-14-04 1745

Turnaround Time: (check)
 Same Day _____
 24 Hours _____
 48 hours _____
 Sample Integrity: (Check)
 Intact On Ice: 4°

INFO 844

Volatile Organic Compounds (VOCs) ⁽¹⁾	EPA 8260B	18
Semi-Volatile Organic Compounds (SVOCs)/ Polyaromatic Hydrocarbons (PAHs) ⁽¹⁾	EPA 8270C	18
Hexavalent Chromium ⁽¹⁾	EPA 7199	18
Organic Lead ⁽¹⁾	DHS Luft	18
Organochlorine Pesticides	EPA 8081	18
Polychlorinated bi-phenyls (PCBs)	EPA 8082	18
California Title 22 Metals ⁽¹⁾	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