



LABORATORY REPORT

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

Project: Ascon - Soils
SB0202/31

Sampled: 05/03/04
Received: 05/03/04
Issued: 05/18/04 13:26

NELAP #01108CA CA ELAP #1197

*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, 5 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 5°C, on ice and with chain of custody documentation.
- HOLDING TIMES: Holding times were met.
- PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
- QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
- COMMENTS: No significant observations were made.
- SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
INE0031-01	PNL-1-16.5-EC	Soil
INE0031-02	PNL-1-18.5/EC	Soil
INE0031-03	PNL-1-21.5/EC	Soil
INE0031-04	PNL-1	Soil
INE0031-05	PNL-14	Soil
INE0031-06	PNL-14-15-EC	Soil
INE0031-07	PNL-14-18.5-EC	Soil
INE0031-08	PNL-7	Soil
INE0031-09	PNL-7-12.5	Soil

Reviewed By:

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
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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: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E07080	500	19000	100	5/7/2004	5/7/2004	
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E07080	500	29000	100	5/7/2004	5/7/2004	
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E07080	620	61000	125	5/7/2004	5/7/2004	

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E04063	1000	2200	200	5/4/2004	5/12/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E04063	1000	17000	200	5/4/2004	5/12/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E04063	1000	19000	200	5/4/2004	5/12/2004	
Surrogate: n-Octacosane (50-125%)				1090 %		Z3		
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E04063	1000	2200	200	5/4/2004	5/12/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E04063	1000	20000	200	5/4/2004	5/12/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E04063	1000	22000	200	5/4/2004	5/12/2004	
Surrogate: n-Octacosane (50-125%)				1110 %		Z3		
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E04063	1000	1600	200	5/4/2004	5/12/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E04063	1000	23000	200	5/4/2004	5/12/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E04063	1000	25000	200	5/4/2004	5/12/2004	
Surrogate: n-Octacosane (50-125%)				1260 %		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: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04024	100	660	100	5/4/2004	5/4/2004	
Bromobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromochloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromodichloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Bromoform	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromomethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
n-Butylbenzene	EPA 8260B	4E04024	250	1800	100	5/4/2004	5/4/2004	
sec-Butylbenzene	EPA 8260B	4E04024	250	1100	100	5/4/2004	5/4/2004	
tert-Butylbenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Carbon tetrachloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chloroform	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
2-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
4-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Dibromochloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dibromomethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dichlorodifluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
2,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Ethylbenzene	EPA 8260B	4E04024	100	3200	100	5/4/2004	5/4/2004	
Hexachlorobutadiene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	M2
Isopropylbenzene	EPA 8260B	4E04024	100	1600	100	5/4/2004	5/4/2004	
p-Isopropyltoluene	EPA 8260B	4E04024	100	1800	100	5/4/2004	5/4/2004	
Methylene chloride	EPA 8260B	4E04024	1000	ND	100	5/4/2004	5/4/2004	
Naphthalene	EPA 8260B	4E04024	250	4000	100	5/4/2004	5/4/2004	

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04024	100	2500	100	5/4/2004	5/4/2004	
Styrene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	M2
Tetrachloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Toluene	EPA 8260B	4E04024	100	3400	100	5/4/2004	5/4/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichlorofluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04024	500	ND	100	5/4/2004	5/4/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04024	100	8500	100	5/4/2004	5/4/2004	M1
1,3,5-Trimethylbenzene	EPA 8260B	4E04024	100	2900	100	5/4/2004	5/4/2004	
Vinyl chloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
o-Xylene	EPA 8260B	4E04024	100	4400	100	5/4/2004	5/4/2004	
m,p-Xylenes	EPA 8260B	4E04024	100	9000	100	5/4/2004	5/4/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				78 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				81 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				80 %				

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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: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04024	100	790	100	5/4/2004	5/4/2004	
Bromobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromochloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromodichloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Bromoform	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromomethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
n-Butylbenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
sec-Butylbenzene	EPA 8260B	4E04024	250	1700	100	5/4/2004	5/4/2004	
tert-Butylbenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Carbon tetrachloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chloroform	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
2-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
4-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Dibromochloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dibromomethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dichlorodifluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
2,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Ethylbenzene	EPA 8260B	4E04024	100	5900	100	5/4/2004	5/4/2004	
Hexachlorobutadiene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Isopropylbenzene	EPA 8260B	4E04024	100	2400	100	5/4/2004	5/4/2004	
p-Isopropyltoluene	EPA 8260B	4E04024	100	2800	100	5/4/2004	5/4/2004	
Methylene chloride	EPA 8260B	4E04024	1000	ND	100	5/4/2004	5/4/2004	
Naphthalene	EPA 8260B	4E04024	250	10000	100	5/4/2004	5/4/2004	

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Sample ID: INE0031-05 (PNL-14 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04024	100	3900	100	5/4/2004	5/4/2004	
Styrene	EPA 8260B	4E04024	100	690	100	5/4/2004	5/4/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Tetrachloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Toluene	EPA 8260B	4E04024	100	2800	100	5/4/2004	5/4/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichlorofluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04024	500	ND	100	5/4/2004	5/4/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04024	100	15000	100	5/4/2004	5/4/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04024	100	4100	100	5/4/2004	5/4/2004	
Vinyl chloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
o-Xylene	EPA 8260B	4E04024	100	6700	100	5/4/2004	5/4/2004	
m,p-Xylenes	EPA 8260B	4E04024	100	10000	100	5/4/2004	5/4/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				96 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				93 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				95 %				

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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: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04024	100	250	100	5/4/2004	5/4/2004	
Bromobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromochloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromodichloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Bromoform	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Bromomethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
n-Butylbenzene	EPA 8260B	4E04024	250	1300	100	5/4/2004	5/4/2004	
sec-Butylbenzene	EPA 8260B	4E04024	250	980	100	5/4/2004	5/4/2004	
tert-Butylbenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Carbon tetrachloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Chloroform	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Chloromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
2-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
4-Chlorotoluene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Dibromochloromethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dibromomethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Dichlorodifluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloroethene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,3-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
2,2-Dichloropropane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Ethylbenzene	EPA 8260B	4E04024	100	2400	100	5/4/2004	5/4/2004	
Hexachlorobutadiene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
Isopropylbenzene	EPA 8260B	4E04024	100	1400	100	5/4/2004	5/4/2004	
p-Isopropyltoluene	EPA 8260B	4E04024	100	1000	100	5/4/2004	5/4/2004	
Methylene chloride	EPA 8260B	4E04024	1000	ND	100	5/4/2004	5/4/2004	
Naphthalene	EPA 8260B	4E04024	250	5000	100	5/4/2004	5/4/2004	

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: INE0031-08 (PNL-7 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04024	100	2300	100	5/4/2004	5/4/2004	
Styrene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Tetrachloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Toluene	EPA 8260B	4E04024	100	120	100	5/4/2004	5/4/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichloroethene	EPA 8260B	4E04024	100	ND	100	5/4/2004	5/4/2004	
Trichlorofluoromethane	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04024	500	ND	100	5/4/2004	5/4/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04024	100	3900	100	5/4/2004	5/4/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04024	100	1100	100	5/4/2004	5/4/2004	
Vinyl chloride	EPA 8260B	4E04024	250	ND	100	5/4/2004	5/4/2004	
o-Xylene	EPA 8260B	4E04024	100	1400	100	5/4/2004	5/4/2004	
m,p-Xylenes	EPA 8260B	4E04024	100	2700	100	5/4/2004	5/4/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				<i>90 %</i>				
<i>Surrogate: Toluene-d8 (60-160%)</i>				<i>84 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				<i>81 %</i>				

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-01 (PNL-1-16.5-EC - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04018	120	940	124	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E04018	310	1200	124	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E04018	120	3600	124	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E04018	120	1700	124	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E04018	120	2200	124	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E04018	1200	ND	124	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E04018	310	4800	124	5/4/2004	5/5/2004	

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: INE0031-01 (PNL-1-16.5-EC - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	120	2600	124	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	120	4300	124	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	120	ND	124	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	620	ND	124	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	120	10000	124	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	120	3000	124	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	310	ND	124	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	120	5100	124	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	120	11000	124	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				96 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				106 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				104 %				

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-02 (PNL-1-18.5/EC - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04018	120	1400	116	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E04018	290	2100	116	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E04018	290	1400	116	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E04018	120	4600	116	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E04018	120	2100	116	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E04018	120	2700	116	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E04018	1200	ND	116	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E04018	290	2800	116	5/4/2004	5/5/2004	

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 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: INE0031-02 (PNL-1-18.5/EC - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	120	3100	116	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	120	2800	116	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	120	ND	116	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	580	ND	116	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	120	10000	116	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	120	3400	116	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	290	ND	116	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	120	6400	116	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	120	12000	116	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				84 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				96 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				95 %				

Del Mar Analytical, Irvine
 Amanda Cordova
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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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

Table with 8 columns: Analyte, Method, Batch, Reporting Limit, Sample Result, Dilution Factor, Date Extracted, Date Analyzed, Data Qualifiers. Includes sample ID INE0031-03 and various chemical analytes like Benzene, Ethylbenzene, etc.

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Sampled: 05/03/04
Received: 05/03/04

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: INE0031-03 (PNL-1-21.5/EC - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	120	3400	122	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	300	ND	122	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	120	4300	122	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	300	ND	122	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	300	ND	122	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	120	ND	122	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	300	ND	122	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	610	ND	122	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	120	11000	122	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	120	3600	122	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	300	ND	122	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	120	6600	122	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	120	14000	122	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				96 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				105 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				102 %				

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-06 (PNL-14-15-EC - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04018	140	680	138	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E04018	340	790	138	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E04018	140	2500	138	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E04018	140	1200	138	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E04018	140	1500	138	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E04018	1400	ND	138	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E04018	340	8400	138	5/4/2004	5/5/2004	

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: INE0031-06 (PNL-14-15-EC - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	140	1800	138	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	140	370	138	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	140	ND	138	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	690	ND	138	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	140	6000	138	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	140	1500	138	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	340	ND	138	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	140	2700	138	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	140	2800	138	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				95 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				99 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				90 %				

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-07 (PNL-14-18.5-EC - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04018	150	770	150	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E04018	370	730	150	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E04018	150	2500	150	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E04018	150	1100	150	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E04018	150	1300	150	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E04018	1500	ND	150	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E04018	370	5600	150	5/4/2004	5/5/2004	

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-07 (PNL-14-18.5-EC - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	150	1700	150	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	150	710	150	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	150	ND	150	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	750	ND	150	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	150	6100	150	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	150	1700	150	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	370	ND	150	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	150	2900	150	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	150	3800	150	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				93 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				99 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				90 %				

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Sampled: 05/03/04
Received: 05/03/04

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: INE0031-09 (PNL-7-12.5 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E04018	160	1100	158	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E04018	390	2400	158	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E04018	390	2400	158	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E04018	160	6800	158	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E04018	160	3600	158	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E04018	160	810	158	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E04018	1600	ND	158	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E04018	390	8700	158	5/4/2004	5/5/2004	

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: INE0031-09 (PNL-7-12.5 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E04018	160	5200	158	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E04018	160	ND	158	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E04018	790	ND	158	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E04018	160	3500	158	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E04018	160	500	158	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E04018	390	ND	158	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E04018	160	410	158	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E04018	160	860	158	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				96 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				96 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				87 %				

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Acenaphthylene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Aniline	EPA 8270C	4E05037	25000	ND	60	5/5/2004	5/7/2004	
Anthracene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzidine	EPA 8270C	4E05037	40000	ND	60	5/5/2004	5/7/2004	
Benzoic acid	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
Benzo(a)anthracene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzo(b)fluoranthene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzo(k)fluoranthene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzo(a)pyrene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Benzyl alcohol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E05037	10000	ND	60	5/5/2004	5/7/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Butyl benzyl phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Chloroaniline	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2-Chloronaphthalene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2-Chlorophenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Chrysene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E05037	25000	ND	60	5/5/2004	5/7/2004	
Dibenzofuran	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Di-n-butyl phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
2,4-Dichlorophenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Diethyl phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2,4-Dimethylphenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Dimethyl phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E05037	25000	ND	60	5/5/2004	5/7/2004	
2,4-Dinitrophenol	EPA 8270C	4E05037	25000	ND	60	5/5/2004	5/7/2004	
2,4-Dinitrotoluene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2,6-Dinitrotoluene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Di-n-octyl phthalate	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Fluoranthene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	

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Sampled: 05/03/04
Received: 05/03/04

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: INE0031-04 (PNL-1 - Soil) - cont.				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Hexachlorobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Hexachlorobutadiene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
Hexachloroethane	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Isophorone	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2-Methylnaphthalene	EPA 8270C	4E05037	20000	21000	60	5/5/2004	5/7/2004	
2-Methylphenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Methylphenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Naphthalene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2-Nitroaniline	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
3-Nitroaniline	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Nitroaniline	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
Nitrobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2-Nitrophenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
4-Nitrophenol	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E05037	15000	ND	60	5/5/2004	5/7/2004	
Pentachlorophenol	EPA 8270C	4E05037	50000	ND	60	5/5/2004	5/7/2004	
Phenanthrene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Phenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Pyrene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E05037	20000	ND	60	5/5/2004	5/7/2004	
Surrogate: 2-Fluorophenol (25-120%)				59 %				Z3
Surrogate: Phenol-d6 (30-120%)				66 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				68 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				76 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				68 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				102 %				Z3

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Acenaphthylene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Aniline	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
Anthracene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzidine	EPA 8270C	4E05037	79000	ND	120	5/5/2004	5/7/2004	
Benzoic acid	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Benzo(a)anthracene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(b)fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(k)fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(a)pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzyl alcohol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E05037	20000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Butyl benzyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chloroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Chloronaphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Chlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Chrysene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
Dibenzofuran	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Di-n-butyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
2,4-Dichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Diethyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4-Dimethylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Dimethyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
2,4-Dinitrophenol	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
2,4-Dinitrotoluene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,6-Dinitrotoluene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Di-n-octyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	

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Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-05 (PNL-14 - Soil) - cont.				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorobutadiene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Hexachloroethane	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Isophorone	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Methylnaphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Naphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Nitroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
3-Nitroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Nitroaniline	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Nitrobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Nitrophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Nitrophenol	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E05037	30000	ND	120	5/5/2004	5/7/2004	
Pentachlorophenol	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Phenanthrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Phenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Surrogate: 2-Fluorophenol (25-120%)				74 %				Z3
Surrogate: Phenol-d6 (30-120%)				84 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				97 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				94 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				82 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				134 %				Z3

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Sampled: 05/03/04
Received: 05/03/04

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: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Acenaphthylene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Aniline	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
Anthracene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzidine	EPA 8270C	4E05037	79000	ND	120	5/5/2004	5/7/2004	
Benzoic acid	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Benzo(a)anthracene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(b)fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(k)fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzo(a)pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Benzyl alcohol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E05037	20000	ND	120	5/5/2004	5/7/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Butyl benzyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chloroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Chloronaphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Chlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Chrysene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
Dibenzofuran	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Di-n-butyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
2,4-Dichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Diethyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4-Dimethylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Dimethyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
2,4-Dinitrophenol	EPA 8270C	4E05037	50000	ND	120	5/5/2004	5/7/2004	
2,4-Dinitrotoluene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,6-Dinitrotoluene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Di-n-octyl phthalate	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Fluoranthene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

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: INE0031-08 (PNL-7 - Soil) - cont.				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorobutadiene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Hexachloroethane	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Isophorone	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Methylnaphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Methylphenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Naphthalene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Nitroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
3-Nitroaniline	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Nitroaniline	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Nitrobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2-Nitrophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
4-Nitrophenol	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E05037	30000	ND	120	5/5/2004	5/7/2004	
Pentachlorophenol	EPA 8270C	4E05037	100000	ND	120	5/5/2004	5/7/2004	
Phenanthrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Phenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Pyrene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E05037	40000	ND	120	5/5/2004	5/7/2004	
Surrogate: 2-Fluorophenol (25-120%)				60 %				Z3
Surrogate: Phenol-d6 (30-120%)				66 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				82 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				65 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				76 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				142 %				Z3

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Arsenic	EPA 6010B	4E04062	2.0	10	1	5/4/2004	5/4/2004	
Barium	EPA 6010B	4E04062	1.0	1100	1	5/4/2004	5/4/2004	
Beryllium	EPA 6010B	4E04062	0.50	ND	1	5/4/2004	5/4/2004	
Cadmium	EPA 6010B	4E04062	0.50	ND	1	5/4/2004	5/4/2004	
Chromium	EPA 6010B	4E04062	1.0	40	1	5/4/2004	5/4/2004	
Cobalt	EPA 6010B	4E04062	1.0	3.2	1	5/4/2004	5/4/2004	
Copper	EPA 6010B	4E04062	2.0	29	1	5/4/2004	5/4/2004	
Lead	EPA 6010B	4E04062	2.0	83	1	5/4/2004	5/4/2004	
Mercury	EPA 7471A	4E06074	0.020	0.51	1	5/6/2004	5/6/2004	
Molybdenum	EPA 6010B	4E04062	2.0	2.3	1	5/4/2004	5/4/2004	
Nickel	EPA 6010B	4E04062	2.0	42	1	5/4/2004	5/4/2004	
Selenium	EPA 6010B	4E04062	2.0	ND	1	5/4/2004	5/7/2004	
Silver	EPA 6010B	4E04062	1.0	ND	1	5/4/2004	5/4/2004	
Thallium	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Vanadium	EPA 6010B	4E04062	1.0	22	1	5/4/2004	5/4/2004	
Zinc	EPA 6010B	4E04062	5.0	96	1	5/4/2004	5/4/2004	

Sample ID: INE0031-05 (PNL-14 - Soil)

Sampled: 05/03/04

Reporting Units: mg/kg

Antimony	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Arsenic	EPA 6010B	4E04062	2.0	14	1	5/4/2004	5/4/2004	
Barium	EPA 6010B	4E04062	1.0	1100	1	5/4/2004	5/4/2004	
Beryllium	EPA 6010B	4E04062	0.50	ND	1	5/4/2004	5/4/2004	
Cadmium	EPA 6010B	4E04062	0.50	12	1	5/4/2004	5/4/2004	
Chromium	EPA 6010B	4E04062	1.0	84	1	5/4/2004	5/4/2004	
Cobalt	EPA 6010B	4E04062	1.0	5.8	1	5/4/2004	5/4/2004	
Copper	EPA 6010B	4E04062	2.0	54	1	5/4/2004	5/4/2004	
Lead	EPA 6010B	4E04062	2.0	96	1	5/4/2004	5/4/2004	
Mercury	EPA 7471A	4E06074	0.020	0.18	1	5/6/2004	5/6/2004	
Molybdenum	EPA 6010B	4E04062	2.0	3.0	1	5/4/2004	5/4/2004	
Nickel	EPA 6010B	4E04062	2.0	36	1	5/4/2004	5/4/2004	
Selenium	EPA 6010B	4E04062	2.0	ND	1	5/4/2004	5/7/2004	
Silver	EPA 6010B	4E04062	1.0	ND	1	5/4/2004	5/4/2004	
Thallium	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Vanadium	EPA 6010B	4E04062	1.0	32	1	5/4/2004	5/4/2004	
Zinc	EPA 6010B	4E04062	5.0	200	1	5/4/2004	5/4/2004	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Arsenic	EPA 6010B	4E04062	2.0	45	1	5/4/2004	5/4/2004	
Barium	EPA 6010B	4E04062	1.0	1600	1	5/4/2004	5/4/2004	
Beryllium	EPA 6010B	4E04062	0.50	ND	1	5/4/2004	5/4/2004	
Cadmium	EPA 6010B	4E04062	0.50	1.4	1	5/4/2004	5/4/2004	
Chromium	EPA 6010B	4E04062	1.0	52	1	5/4/2004	5/4/2004	
Cobalt	EPA 6010B	4E04062	1.0	4.3	1	5/4/2004	5/4/2004	
Copper	EPA 6010B	4E04062	2.0	38	1	5/4/2004	5/4/2004	
Lead	EPA 6010B	4E04062	2.0	140	1	5/4/2004	5/4/2004	
Mercury	EPA 7471A	4E06074	0.020	0.16	1	5/6/2004	5/6/2004	
Molybdenum	EPA 6010B	4E04062	2.0	3.2	1	5/4/2004	5/4/2004	
Nickel	EPA 6010B	4E04062	2.0	35	1	5/4/2004	5/4/2004	
Selenium	EPA 6010B	4E04062	2.0	ND	1	5/4/2004	5/7/2004	
Silver	EPA 6010B	4E04062	1.0	ND	1	5/4/2004	5/4/2004	
Thallium	EPA 6010B	4E04062	10	ND	1	5/4/2004	5/4/2004	
Vanadium	EPA 6010B	4E04062	1.0	34	1	5/4/2004	5/4/2004	
Zinc	EPA 6010B	4E04062	5.0	220	1	5/4/2004	5/4/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E05069	0.20	ND	1	5/5/2004	5/5/2004	M2
Oil & Grease	EPA 413.2 MOD.	4E10055	250	18000	50	5/10/2004	5/10/2004	
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: pH Units								
pH	EPA 9045C	4E04054	NA	10.6	1	5/4/2004	5/4/2004	
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E05069	0.20	ND	1	5/5/2004	5/5/2004	
Oil & Grease	EPA 413.2 MOD.	4E10055	250	24000	50	5/10/2004	5/10/2004	
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: pH Units								
pH	EPA 9045C	4E04054	NA	8.78	1	5/4/2004	5/4/2004	
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E05069	0.20	ND	1	5/5/2004	5/5/2004	
Oil & Grease	EPA 413.2 MOD.	4E10055	1200	67000	250	5/10/2004	5/10/2004	
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: pH Units								
pH	EPA 9045C	4E04054	NA	8.15	1	5/4/2004	5/4/2004	

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Sampled: 05/03/04
 Received: 05/03/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
alpha-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
beta-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
delta-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
gamma-BHC (Lindane)	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Chlordane (tech)	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
4,4'-DDD	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
4,4'-DDE	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
4,4'-DDT	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Dieldrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan I	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan II	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan sulfate	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endrin aldehyde	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin ketone	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Heptachlor	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Heptachlor epoxide	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Methoxychlor	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
Toxaphene	EPA 8081A	4E06022	1600	ND	20	5/6/2004	5/10/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				71.9 %				S08
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				168 %				S08

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
alpha-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
beta-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
delta-BHC	EPA 8081A	4E06022	20	49	20	5/6/2004	5/10/2004	
gamma-BHC (Lindane)	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Chlordane (tech)	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
4,4'-DDD	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
4,4'-DDE	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
4,4'-DDT	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Dieldrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan I	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan II	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan sulfate	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endrin aldehyde	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin ketone	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Heptachlor	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Heptachlor epoxide	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Methoxychlor	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
Toxaphene	EPA 8081A	4E06022	1600	ND	20	5/6/2004	5/10/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				83.2 %				
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				79.6 %				

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 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
alpha-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
beta-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
delta-BHC	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
gamma-BHC (Lindane)	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Chlordane (tech)	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
4,4'-DDD	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
4,4'-DDE	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
4,4'-DDT	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Dieldrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan I	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan II	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endosulfan sulfate	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin	EPA 8081A	4E06022	40	ND	20	5/6/2004	5/10/2004	
Endrin aldehyde	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Endrin ketone	EPA 8081A	4E06022	120	ND	20	5/6/2004	5/10/2004	
Heptachlor	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Heptachlor epoxide	EPA 8081A	4E06022	20	ND	20	5/6/2004	5/10/2004	
Methoxychlor	EPA 8081A	4E06022	400	ND	20	5/6/2004	5/10/2004	
Toxaphene	EPA 8081A	4E06022	1600	ND	20	5/6/2004	5/10/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				55.9 %				S08
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				104 %				

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Sampled: 05/03/04
Received: 05/03/04

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0031-04 (PNL-1 - Soil)				Sampled: 05/03/04				C-06
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1221	EPA 8082	4E06023	1600	ND	20	5/6/2004	5/11/2004	
PCB-1232	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1242	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1248	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1254	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1260	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1268	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				217 %				S09
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				189 %				S09
Sample ID: INE0031-05 (PNL-14 - Soil)				Sampled: 05/03/04				C-06
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1221	EPA 8082	4E06023	1600	ND	20	5/6/2004	5/11/2004	
PCB-1232	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1242	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1248	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1254	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1260	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1268	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				229 %				S09
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				190 %				S09
Sample ID: INE0031-08 (PNL-7 - Soil)				Sampled: 05/03/04				C-06
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1221	EPA 8082	4E06023	1600	ND	20	5/6/2004	5/11/2004	
PCB-1232	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1242	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1248	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1254	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1260	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
PCB-1268	EPA 8082	4E06023	400	ND	20	5/6/2004	5/11/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				260 %				S09
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				456 %				S09

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Received: 05/03/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-1 (INE0031-04) - Soil EPA 9045C	1	05/03/2004 09:27	05/03/2004 17:00	05/04/2004 08:00	05/04/2004 09:00
Sample ID: PNL-14 (INE0031-05) - Soil EPA 9045C	1	05/03/2004 12:01	05/03/2004 17:00	05/04/2004 08:00	05/04/2004 09:00
Sample ID: PNL-7 (INE0031-08) - Soil EPA 9045C	1	05/03/2004 14:40	05/03/2004 17:00	05/04/2004 08:00	05/04/2004 09:00

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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: 4E07080 Extracted: 05/07/04										
Blank Analyzed: 05/07/04 (4E07080-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 05/07/04 (4E07080-BS1)										
Total Recoverable Hydrocarbons	14.1	5.0	mg/kg	20.0		70	55-130			
Matrix Spike Analyzed: 05/07/04 (4E07080-MS1)										
					Source: INE0322-01					
Total Recoverable Hydrocarbons	17.3	5.0	mg/kg	20.0	1.6	78	35-130			
Matrix Spike Dup Analyzed: 05/07/04 (4E07080-MSD1)										
					Source: INE0322-01					
Total Recoverable Hydrocarbons	16.3	5.0	mg/kg	20.0	1.6	73	35-130	6	25	

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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: 4E04063 Extracted: 05/04/04										
Blank Analyzed: 05/13/04 (4E04063-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	5.73		mg/kg	6.67		86	50-125			
LCS Analyzed: 05/13/04 (4E04063-BS1)										
EFH (C6 - C40)	30.1	5.0	mg/kg	33.3		90	45-115			
Surrogate: n-Octacosane	5.77		mg/kg	6.67		87	50-125			
Matrix Spike Analyzed: 05/13/04 (4E04063-MS1)					Source: INE0040-03					
EFH (C6 - C40)	199	10	mg/kg	33.3	280	-243	35-115			M-HA
Surrogate: n-Octacosane	6.01		mg/kg	6.67		90	50-125			
Matrix Spike Dup Analyzed: 05/13/04 (4E04063-MSD1)					Source: INE0040-03					
EFH (C6 - C40)	330	10	mg/kg	33.3	280	150	35-115	50	30	M-HA, R-3
Surrogate: n-Octacosane	6.77		mg/kg	6.67		101	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: 4E04024 Extracted: 05/04/04										
Blank Analyzed: 05/05/04 (4E04024-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04024 Extracted: 05/04/04										
Blank Analyzed: 05/05/04 (4E04024-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2680		ug/kg	2500		107	50-160			
Surrogate: Toluene-d8	2830		ug/kg	2500		113	60-160			
Surrogate: 4-Bromofluorobenzene	2630		ug/kg	2500		105	60-150			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04024 Extracted: 05/04/04										
LCS Analyzed: 05/06/04 (4E04024-BS1)										
Benzene	2460	100	ug/kg	2500		98	75-125			
Bromobenzene	2580	250	ug/kg	2500		103	80-120			
Bromochloromethane	2480	250	ug/kg	2500		99	65-140			
Bromodichloromethane	2660	100	ug/kg	2500		106	70-140			
Bromoform	2190	250	ug/kg	2500		88	60-130			
Bromomethane	2310	250	ug/kg	2500		92	35-140			
n-Butylbenzene	2740	250	ug/kg	2500		110	80-130			
sec-Butylbenzene	2870	250	ug/kg	2500		115	75-125			
tert-Butylbenzene	2950	250	ug/kg	2500		118	80-125			
Carbon tetrachloride	3050	250	ug/kg	2500		122	70-140			
Chlorobenzene	2730	100	ug/kg	2500		109	80-125			
Chloroethane	2320	250	ug/kg	2500		93	40-145			
Chloroform	2890	100	ug/kg	2500		116	75-130			
Chloromethane	1390	250	ug/kg	2500		56	30-145			
2-Chlorotoluene	2830	250	ug/kg	2500		113	75-125			
4-Chlorotoluene	2870	250	ug/kg	2500		115	80-125			
Dibromochloromethane	2340	100	ug/kg	2500		94	65-145			
1,2-Dibromo-3-chloropropane	1880	250	ug/kg	2500		75	45-135			
1,2-Dibromoethane (EDB)	2250	100	ug/kg	2500		90	75-130			
Dibromomethane	2360	100	ug/kg	2500		94	75-135			
1,2-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120			
1,3-Dichlorobenzene	2720	100	ug/kg	2500		109	80-120			
1,4-Dichlorobenzene	2720	100	ug/kg	2500		109	80-120			
Dichlorodifluoromethane	399	250	ug/kg	2500		16	10-160			
1,1-Dichloroethane	2710	100	ug/kg	2500		108	70-135			
1,2-Dichloroethane	2600	100	ug/kg	2500		104	60-150			
1,1-Dichloroethene	2430	250	ug/kg	2500		97	80-145			
cis-1,2-Dichloroethene	2550	100	ug/kg	2500		102	70-135			
trans-1,2-Dichloroethene	2570	100	ug/kg	2500		103	70-135			
1,2-Dichloropropane	2490	100	ug/kg	2500		100	75-125			
1,3-Dichloropropane	2250	100	ug/kg	2500		90	75-130			
2,2-Dichloropropane	3360	100	ug/kg	2500		134	70-150			
1,1-Dichloropropene	2690	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2440	100	ug/kg	2500		98	75-130			
trans-1,3-Dichloropropene	2400	100	ug/kg	2500		96	75-135			

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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: 4E04024 Extracted: 05/04/04										
LCS Analyzed: 05/06/04 (4E04024-BS1)										
Ethylbenzene	2720	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2900	250	ug/kg	2500		116	75-140			
Isopropylbenzene	2920	100	ug/kg	2500		117	75-125			
p-Isopropyltoluene	2820	100	ug/kg	2500		113	80-125			
Methylene chloride	2550	1000	ug/kg	2500		102	60-145			
Naphthalene	1970	250	ug/kg	2500		79	50-145			
n-Propylbenzene	2860	100	ug/kg	2500		114	75-130			
Styrene	2720	100	ug/kg	2500		109	80-135			
1,1,1,2-Tetrachloroethane	2700	250	ug/kg	2500		108	70-145			
1,1,2,2-Tetrachloroethane	1980	100	ug/kg	2500		79	60-135			
Tetrachloroethene	2780	100	ug/kg	2500		111	80-125			
Toluene	2590	100	ug/kg	2500		104	80-125			
1,2,3-Trichlorobenzene	2300	250	ug/kg	2500		92	65-135			
1,2,4-Trichlorobenzene	2540	250	ug/kg	2500		102	70-140			
1,1,1-Trichloroethane	3060	100	ug/kg	2500		122	75-140			
1,1,2-Trichloroethane	2170	100	ug/kg	2500		87	70-130			
Trichloroethene	2630	100	ug/kg	2500		105	80-130			
Trichlorofluoromethane	2520	250	ug/kg	2500		101	55-145			
1,2,3-Trichloropropane	1940	500	ug/kg	2500		78	60-130			
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		114	80-125			
1,3,5-Trimethylbenzene	2890	100	ug/kg	2500		116	80-125			
Vinyl chloride	1000	250	ug/kg	2500		40	10-120			
o-Xylene	2690	100	ug/kg	2500		108	80-125			
m,p-Xylenes	5370	100	ug/kg	5000		107	80-120			
Surrogate: Dibromofluoromethane	2780		ug/kg	2500		111	50-160			
Surrogate: Toluene-d8	2700		ug/kg	2500		108	60-160			
Surrogate: 4-Bromofluorobenzene	2690		ug/kg	2500		108	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04024 Extracted: 05/04/04										
LCS Dup Analyzed: 05/06/04 (4E04024-BSD1)										
Benzene	2680	100	ug/kg	2500		107	75-125	9	20	
Bromobenzene	2800	250	ug/kg	2500		112	80-120	8	20	
Bromochloromethane	2830	250	ug/kg	2500		113	65-140	13	20	
Bromodichloromethane	2920	100	ug/kg	2500		117	70-140	9	20	
Bromoform	2620	250	ug/kg	2500		105	60-130	18	25	
Bromomethane	2320	250	ug/kg	2500		93	35-140	0	30	
n-Butylbenzene	2870	250	ug/kg	2500		115	80-130	5	20	
sec-Butylbenzene	2960	250	ug/kg	2500		118	75-125	3	20	
tert-Butylbenzene	3060	250	ug/kg	2500		122	80-125	4	20	
Carbon tetrachloride	3130	250	ug/kg	2500		125	70-140	3	20	
Chlorobenzene	2880	100	ug/kg	2500		115	80-125	5	20	
Chloroethane	2380	250	ug/kg	2500		95	40-145	3	25	
Chloroform	2990	100	ug/kg	2500		120	75-130	3	20	
Chloromethane	1460	250	ug/kg	2500		58	30-145	5	25	
2-Chlorotoluene	2960	250	ug/kg	2500		118	75-125	4	20	
4-Chlorotoluene	3000	250	ug/kg	2500		120	80-125	4	20	
Dibromochloromethane	2640	100	ug/kg	2500		106	65-145	12	20	
1,2-Dibromo-3-chloropropane	2460	250	ug/kg	2500		98	45-135	27	25	R-7
1,2-Dibromoethane (EDB)	2580	100	ug/kg	2500		103	75-130	14	20	
Dibromomethane	2730	100	ug/kg	2500		109	75-135	15	20	
1,2-Dichlorobenzene	2880	100	ug/kg	2500		115	80-120	9	20	
1,3-Dichlorobenzene	2900	100	ug/kg	2500		116	80-120	6	20	
1,4-Dichlorobenzene	2890	100	ug/kg	2500		116	80-120	6	20	
Dichlorodifluoromethane	415	250	ug/kg	2500		17	10-160	4	30	
1,1-Dichloroethane	2880	100	ug/kg	2500		115	70-135	6	20	
1,2-Dichloroethane	2900	100	ug/kg	2500		116	60-150	11	25	
1,1-Dichloroethene	2560	250	ug/kg	2500		102	80-145	5	20	
cis-1,2-Dichloroethene	2680	100	ug/kg	2500		107	70-135	5	20	
trans-1,2-Dichloroethene	2720	100	ug/kg	2500		109	70-135	6	20	
1,2-Dichloropropane	2710	100	ug/kg	2500		108	75-125	8	20	
1,3-Dichloropropane	2570	100	ug/kg	2500		103	75-130	13	20	
2,2-Dichloropropane	3410	100	ug/kg	2500		136	70-150	1	20	
1,1-Dichloropropene	2830	100	ug/kg	2500		113	75-130	5	20	
cis-1,3-Dichloropropene	2740	100	ug/kg	2500		110	75-130	12	20	
trans-1,3-Dichloropropene	2740	100	ug/kg	2500		110	75-135	13	20	

Del Mar Analytical, Irvine
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 SB0202/31
 Report Number: INE0031

 Sampled: 05/03/04
 Received: 05/03/04

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: 4E04024 Extracted: 05/04/04										
LCS Dup Analyzed: 05/06/04 (4E04024-BSD1)										
Ethylbenzene	2840	100	ug/kg	2500		114	80-120	4	20	
Hexachlorobutadiene	3080	250	ug/kg	2500		123	75-140	6	20	
Isopropylbenzene	3100	100	ug/kg	2500		124	75-125	6	20	
p-Isopropyltoluene	2870	100	ug/kg	2500		115	80-125	2	20	
Methylene chloride	2740	1000	ug/kg	2500		110	60-145	7	20	
Naphthalene	2530	250	ug/kg	2500		101	50-145	25	25	
n-Propylbenzene	2980	100	ug/kg	2500		119	75-130	4	20	
Styrene	2820	100	ug/kg	2500		113	80-135	4	20	
1,1,1,2-Tetrachloroethane	2820	250	ug/kg	2500		113	70-145	4	20	
1,1,2,2-Tetrachloroethane	2430	100	ug/kg	2500		97	60-135	20	25	
Tetrachloroethene	2940	100	ug/kg	2500		118	80-125	6	20	
Toluene	2770	100	ug/kg	2500		111	80-125	7	20	
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135	18	20	
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	70-140	13	20	
1,1,1-Trichloroethane	3180	100	ug/kg	2500		127	75-140	4	20	
1,1,2-Trichloroethane	2570	100	ug/kg	2500		103	70-130	17	20	
Trichloroethene	2840	100	ug/kg	2500		114	80-130	8	20	
Trichlorofluoromethane	2540	250	ug/kg	2500		102	55-145	1	25	
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130	22	20	R-7
1,2,4-Trimethylbenzene	2980	100	ug/kg	2500		119	80-125	4	20	
1,3,5-Trimethylbenzene	3010	100	ug/kg	2500		120	80-125	4	20	
Vinyl chloride	798	250	ug/kg	2500		32	10-120	22	30	
o-Xylene	2780	100	ug/kg	2500		111	80-125	3	20	
m,p-Xylenes	5630	100	ug/kg	5000		113	80-120	5	20	
Surrogate: Dibromofluoromethane	2890		ug/kg	2500		116	50-160			
Surrogate: Toluene-d8	2840		ug/kg	2500		114	60-160			
Surrogate: 4-Bromofluorobenzene	2810		ug/kg	2500		112	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04024 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E04024-MS1)					Source: INE0031-04					
Benzene	3050	100	ug/kg	2500	660	96	60-140			
Bromobenzene	2200	250	ug/kg	2500	ND	88	65-130			
Bromochloromethane	2920	250	ug/kg	2500	ND	117	60-145			
Bromodichloromethane	2300	100	ug/kg	2500	ND	92	65-150			
Bromoform	1980	250	ug/kg	2500	ND	79	55-150			
Bromomethane	1330	250	ug/kg	2500	ND	53	30-160			
n-Butylbenzene	3980	250	ug/kg	2500	1800	87	60-150			
sec-Butylbenzene	3330	250	ug/kg	2500	1100	89	65-145			
tert-Butylbenzene	2120	250	ug/kg	2500	43	83	60-150			
Carbon tetrachloride	2270	250	ug/kg	2500	ND	91	70-140			
Chlorobenzene	2510	100	ug/kg	2500	ND	100	70-140			
Chloroethane	1530	250	ug/kg	2500	ND	61	30-170			
Chloroform	2270	100	ug/kg	2500	ND	91	60-140			
Chloromethane	1160	250	ug/kg	2500	ND	46	30-160			
2-Chlorotoluene	3070	250	ug/kg	2500	ND	123	60-140			
4-Chlorotoluene	2540	250	ug/kg	2500	ND	102	70-135			
Dibromochloromethane	2800	100	ug/kg	2500	ND	112	60-150			
1,2-Dibromo-3-chloropropane	2330	250	ug/kg	2500	ND	93	40-150			
1,2-Dibromoethane (EDB)	2080	100	ug/kg	2500	ND	83	65-140			
Dibromomethane	2260	100	ug/kg	2500	ND	90	65-140			
1,2-Dichlorobenzene	1980	100	ug/kg	2500	ND	79	70-130			
1,3-Dichlorobenzene	2020	100	ug/kg	2500	ND	81	60-155			
1,4-Dichlorobenzene	2080	100	ug/kg	2500	ND	83	55-150			
Dichlorodifluoromethane	436	250	ug/kg	2500	ND	17	10-160			
1,1-Dichloroethane	2270	100	ug/kg	2500	ND	91	60-155			
1,2-Dichloroethane	2210	100	ug/kg	2500	ND	88	55-150			
1,1-Dichloroethene	2200	250	ug/kg	2500	ND	88	60-165			
cis-1,2-Dichloroethene	2230	100	ug/kg	2500	ND	89	60-135			
trans-1,2-Dichloroethene	2160	100	ug/kg	2500	ND	86	50-155			
1,2-Dichloropropane	2360	100	ug/kg	2500	ND	94	65-135			
1,3-Dichloropropane	2100	100	ug/kg	2500	ND	84	65-135			
2,2-Dichloropropane	1900	100	ug/kg	2500	ND	76	60-150			
1,1-Dichloropropene	2140	100	ug/kg	2500	ND	86	60-140			
cis-1,3-Dichloropropene	2210	100	ug/kg	2500	ND	88	60-135			
trans-1,3-Dichloropropene	2300	100	ug/kg	2500	ND	92	55-155			

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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: 4E04024 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E04024-MS1)					Source: INE0031-04					
Ethylbenzene	6070	100	ug/kg	2500	3200	115	60-140			
Hexachlorobutadiene	1330	250	ug/kg	2500	ND	53	65-145			M2
Isopropylbenzene	4090	100	ug/kg	2500	1600	100	60-140			
p-Isopropyltoluene	4060	100	ug/kg	2500	1800	90	60-145			
Methylene chloride	2390	1000	ug/kg	2500	ND	96	50-155			
Naphthalene	7490	250	ug/kg	2500	4000	140	30-165			
n-Propylbenzene	5400	100	ug/kg	2500	2500	116	60-145			
Styrene	2440	100	ug/kg	2500	ND	98	60-145			
1,1,1,2-Tetrachloroethane	2360	250	ug/kg	2500	ND	94	65-145			
1,1,2,2-Tetrachloroethane	1170	100	ug/kg	2500	ND	47	60-150			M2
Tetrachloroethene	2060	100	ug/kg	2500	ND	82	65-145			
Toluene	7020	100	ug/kg	2500	3400	145	60-145			
1,2,3-Trichlorobenzene	1690	250	ug/kg	2500	ND	68	45-145			
1,2,4-Trichlorobenzene	1760	250	ug/kg	2500	ND	70	60-140			
1,1,1-Trichloroethane	2150	100	ug/kg	2500	ND	86	65-140			
1,1,2-Trichloroethane	2930	100	ug/kg	2500	ND	117	60-140			
Trichloroethene	3100	100	ug/kg	2500	ND	124	70-150			
Trichlorofluoromethane	1710	250	ug/kg	2500	ND	68	35-165			
1,2,3-Trichloropropane	1940	500	ug/kg	2500	ND	78	50-150			
1,2,4-Trimethylbenzene	12300	100	ug/kg	2500	8500	152	70-135			M1
1,3,5-Trimethylbenzene	5830	100	ug/kg	2500	2900	117	70-135			
Vinyl chloride	629	250	ug/kg	2500	ND	25	10-120			
o-Xylene	7500	100	ug/kg	2500	4400	124	60-145			
m,p-Xylenes	15300	100	ug/kg	5000	9000	126	60-140			
Surrogate: Dibromofluoromethane	2280		ug/kg	2500		91	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2350		ug/kg	2500		94	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04024 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E04024-MSD1)					Source: INE0031-04					
Benzene	3280	100	ug/kg	2500	660	105	60-140	7	25	
Bromobenzene	2470	250	ug/kg	2500	ND	99	65-130	12	25	
Bromochloromethane	3260	250	ug/kg	2500	ND	130	60-145	11	25	
Bromodichloromethane	2450	100	ug/kg	2500	ND	98	65-150	6	25	
Bromoform	2130	250	ug/kg	2500	ND	85	55-150	7	30	
Bromomethane	1290	250	ug/kg	2500	ND	52	30-160	3	30	
n-Butylbenzene	4040	250	ug/kg	2500	1800	90	60-150	1	25	
sec-Butylbenzene	3430	250	ug/kg	2500	1100	93	65-145	3	25	
tert-Butylbenzene	2360	250	ug/kg	2500	43	93	60-150	11	20	
Carbon tetrachloride	2340	250	ug/kg	2500	ND	94	70-140	3	20	
Chlorobenzene	2770	100	ug/kg	2500	ND	111	70-140	10	25	
Chloroethane	1550	250	ug/kg	2500	ND	62	30-170	1	35	
Chloroform	2500	100	ug/kg	2500	ND	100	60-140	10	25	
Chloromethane	1240	250	ug/kg	2500	ND	50	30-160	7	30	
2-Chlorotoluene	3050	250	ug/kg	2500	ND	122	60-140	1	25	
4-Chlorotoluene	2630	250	ug/kg	2500	ND	105	70-135	3	20	
Dibromochloromethane	3090	100	ug/kg	2500	ND	124	60-150	10	25	
1,2-Dibromo-3-chloropropane	2550	250	ug/kg	2500	ND	102	40-150	9	30	
1,2-Dibromoethane (EDB)	2480	100	ug/kg	2500	ND	99	65-140	18	25	
Dibromomethane	2580	100	ug/kg	2500	ND	103	65-140	13	20	
1,2-Dichlorobenzene	2250	100	ug/kg	2500	ND	90	70-130	13	20	
1,3-Dichlorobenzene	2240	100	ug/kg	2500	ND	90	60-155	10	25	
1,4-Dichlorobenzene	2310	100	ug/kg	2500	ND	92	55-150	10	25	
Dichlorodifluoromethane	451	250	ug/kg	2500	ND	18	10-160	3	35	
1,1-Dichloroethane	2480	100	ug/kg	2500	ND	99	60-155	9	25	
1,2-Dichloroethane	2490	100	ug/kg	2500	ND	100	55-150	12	30	
1,1-Dichloroethene	2420	250	ug/kg	2500	ND	97	60-165	10	25	
cis-1,2-Dichloroethene	2440	100	ug/kg	2500	ND	98	60-135	9	25	
trans-1,2-Dichloroethene	2390	100	ug/kg	2500	ND	96	50-155	10	25	
1,2-Dichloropropane	2580	100	ug/kg	2500	ND	103	65-135	9	20	
1,3-Dichloropropane	2460	100	ug/kg	2500	ND	98	65-135	16	20	
2,2-Dichloropropane	2100	100	ug/kg	2500	ND	84	60-150	10	20	
1,1-Dichloropropene	2380	100	ug/kg	2500	ND	95	60-140	11	20	
cis-1,3-Dichloropropene	2500	100	ug/kg	2500	ND	100	60-135	12	25	
trans-1,3-Dichloropropene	2630	100	ug/kg	2500	ND	105	55-155	13	25	

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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: 4E04024 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E04024-MSD1)					Source: INE0031-04					
Ethylbenzene	5820	100	ug/kg	2500	3200	105	60-140	4	25	
Hexachlorobutadiene	1690	250	ug/kg	2500	ND	68	65-145	24	25	
Isopropylbenzene	4040	100	ug/kg	2500	1600	98	60-140	1	25	
p-Isopropyltoluene	4150	100	ug/kg	2500	1800	94	60-145	2	25	
Methylene chloride	2720	1000	ug/kg	2500	ND	109	50-155	13	25	
Naphthalene	6910	250	ug/kg	2500	4000	116	30-165	8	30	
n-Propylbenzene	5030	100	ug/kg	2500	2500	101	60-145	7	25	
Styrene	2640	100	ug/kg	2500	ND	106	60-145	8	20	
1,1,1,2-Tetrachloroethane	2420	250	ug/kg	2500	ND	97	65-145	3	20	
1,1,2,2-Tetrachloroethane	1530	100	ug/kg	2500	ND	61	60-150	27	20	R-3
Tetrachloroethene	2300	100	ug/kg	2500	ND	92	65-145	11	25	
Toluene	5240	100	ug/kg	2500	3400	74	60-145	29	25	R
1,2,3-Trichlorobenzene	2060	250	ug/kg	2500	ND	82	45-145	20	30	
1,2,4-Trichlorobenzene	2050	250	ug/kg	2500	ND	82	60-140	15	25	
1,1,1-Trichloroethane	2370	100	ug/kg	2500	ND	95	65-140	10	25	
1,1,2-Trichloroethane	3150	100	ug/kg	2500	ND	126	60-140	7	20	
Trichloroethene	3340	100	ug/kg	2500	ND	134	70-150	7	25	
Trichlorofluoromethane	1820	250	ug/kg	2500	ND	73	35-165	6	30	
1,2,3-Trichloropropane	2310	500	ug/kg	2500	ND	92	50-150	17	20	
1,2,4-Trimethylbenzene	11200	100	ug/kg	2500	8500	108	70-135	9	20	
1,3,5-Trimethylbenzene	5270	100	ug/kg	2500	2900	95	70-135	10	25	
Vinyl chloride	559	250	ug/kg	2500	ND	22	10-120	12	35	
o-Xylene	7320	100	ug/kg	2500	4400	117	60-145	2	25	
m,p-Xylenes	14500	100	ug/kg	5000	9000	110	60-140	5	25	
Surrogate: Dibromofluoromethane	2470		ug/kg	2500		99	50-160			
Surrogate: Toluene-d8	2540		ug/kg	2500		102	60-160			
Surrogate: 4-Bromofluorobenzene	2530		ug/kg	2500		101	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
Blank Analyzed: 05/05/04 (4E04018-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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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: 4E04018 Extracted: 05/04/04										
Blank Analyzed: 05/05/04 (4E04018-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2680		ug/kg	2500		107	50-160			
Surrogate: Toluene-d8	2830		ug/kg	2500		113	60-160			
Surrogate: 4-Bromofluorobenzene	2630		ug/kg	2500		105	60-150			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

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: 4E04018 Extracted: 05/04/04										
LCS Analyzed: 05/06/04 (4E04018-BS1)										
Benzene	2460	100	ug/kg	2500		98	75-125			
Bromobenzene	2580	250	ug/kg	2500		103	80-120			
Bromochloromethane	2480	250	ug/kg	2500		99	65-140			
Bromodichloromethane	2660	100	ug/kg	2500		106	70-140			
Bromoform	2190	250	ug/kg	2500		88	60-130			
Bromomethane	2310	250	ug/kg	2500		92	35-140			
n-Butylbenzene	2740	250	ug/kg	2500		110	80-130			
sec-Butylbenzene	2870	250	ug/kg	2500		115	75-125			
tert-Butylbenzene	2950	250	ug/kg	2500		118	80-125			
Carbon tetrachloride	3050	250	ug/kg	2500		122	70-140			
Chlorobenzene	2730	100	ug/kg	2500		109	80-125			
Chloroethane	2320	250	ug/kg	2500		93	40-145			
Chloroform	2890	100	ug/kg	2500		116	75-130			
Chloromethane	1390	250	ug/kg	2500		56	30-145			
2-Chlorotoluene	2830	250	ug/kg	2500		113	75-125			
4-Chlorotoluene	2870	250	ug/kg	2500		115	80-125			
Dibromochloromethane	2340	100	ug/kg	2500		94	65-145			
1,2-Dibromo-3-chloropropane	1880	250	ug/kg	2500		75	45-135			
1,2-Dibromoethane (EDB)	2250	100	ug/kg	2500		90	75-130			
Dibromomethane	2360	100	ug/kg	2500		94	75-135			
1,2-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120			
1,3-Dichlorobenzene	2720	100	ug/kg	2500		109	80-120			
1,4-Dichlorobenzene	2720	100	ug/kg	2500		109	80-120			
Dichlorodifluoromethane	399	250	ug/kg	2500		16	10-160			
1,1-Dichloroethane	2710	100	ug/kg	2500		108	70-135			
1,2-Dichloroethane	2600	100	ug/kg	2500		104	60-150			
1,1-Dichloroethene	2430	250	ug/kg	2500		97	80-145			
cis-1,2-Dichloroethene	2550	100	ug/kg	2500		102	70-135			
trans-1,2-Dichloroethene	2570	100	ug/kg	2500		103	70-135			
1,2-Dichloropropane	2490	100	ug/kg	2500		100	75-125			
1,3-Dichloropropane	2250	100	ug/kg	2500		90	75-130			
2,2-Dichloropropane	3360	100	ug/kg	2500		134	70-150			
1,1-Dichloropropene	2690	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2440	100	ug/kg	2500		98	75-130			
trans-1,3-Dichloropropene	2400	100	ug/kg	2500		96	75-135			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
LCS Analyzed: 05/06/04 (4E04018-BS1)										
Ethylbenzene	2720	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2900	250	ug/kg	2500		116	75-140			
Isopropylbenzene	2920	100	ug/kg	2500		117	75-125			
p-Isopropyltoluene	2820	100	ug/kg	2500		113	80-125			
Methylene chloride	2550	1000	ug/kg	2500		102	60-145			
Naphthalene	1970	250	ug/kg	2500		79	50-145			
n-Propylbenzene	2860	100	ug/kg	2500		114	75-130			
Styrene	2720	100	ug/kg	2500		109	80-135			
1,1,1,2-Tetrachloroethane	2700	250	ug/kg	2500		108	70-145			
1,1,2,2-Tetrachloroethane	1980	100	ug/kg	2500		79	60-135			
Tetrachloroethene	2780	100	ug/kg	2500		111	80-125			
Toluene	2590	100	ug/kg	2500		104	80-125			
1,2,3-Trichlorobenzene	2300	250	ug/kg	2500		92	65-135			
1,2,4-Trichlorobenzene	2540	250	ug/kg	2500		102	70-140			
1,1,1-Trichloroethane	3060	100	ug/kg	2500		122	75-140			
1,1,2-Trichloroethane	2170	100	ug/kg	2500		87	70-130			
Trichloroethene	2630	100	ug/kg	2500		105	80-130			
Trichlorofluoromethane	2520	250	ug/kg	2500		101	55-145			
1,2,3-Trichloropropane	1940	500	ug/kg	2500		78	60-130			
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		114	80-125			
1,3,5-Trimethylbenzene	2890	100	ug/kg	2500		116	80-125			
Vinyl chloride	1000	250	ug/kg	2500		40	10-120			
o-Xylene	2690	100	ug/kg	2500		108	80-125			
m,p-Xylenes	5370	100	ug/kg	5000		107	80-120			
Surrogate: Dibromofluoromethane	2780		ug/kg	2500		111	50-160			
Surrogate: Toluene-d8	2700		ug/kg	2500		108	60-160			
Surrogate: 4-Bromofluorobenzene	2690		ug/kg	2500		108	60-150			

Del Mar Analytical, Irvine
Amanda Cordova
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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: 4E04018 Extracted: 05/04/04										
LCS Dup Analyzed: 05/06/04 (4E04018-BSD1)										
Benzene	2680	100	ug/kg	2500		107	75-125	9	20	
Bromobenzene	2800	250	ug/kg	2500		112	80-120	8	20	
Bromochloromethane	2830	250	ug/kg	2500		113	65-140	13	20	
Bromodichloromethane	2920	100	ug/kg	2500		117	70-140	9	20	
Bromoform	2620	250	ug/kg	2500		105	60-130	18	25	
Bromomethane	2320	250	ug/kg	2500		93	35-140	0	30	
n-Butylbenzene	2870	250	ug/kg	2500		115	80-130	5	20	
sec-Butylbenzene	2960	250	ug/kg	2500		118	75-125	3	20	
tert-Butylbenzene	3060	250	ug/kg	2500		122	80-125	4	20	
Carbon tetrachloride	3130	250	ug/kg	2500		125	70-140	3	20	
Chlorobenzene	2880	100	ug/kg	2500		115	80-125	5	20	
Chloroethane	2380	250	ug/kg	2500		95	40-145	3	25	
Chloroform	2990	100	ug/kg	2500		120	75-130	3	20	
Chloromethane	1460	250	ug/kg	2500		58	30-145	5	25	
2-Chlorotoluene	2960	250	ug/kg	2500		118	75-125	4	20	
4-Chlorotoluene	3000	250	ug/kg	2500		120	80-125	4	20	
Dibromochloromethane	2640	100	ug/kg	2500		106	65-145	12	20	
1,2-Dibromo-3-chloropropane	2460	250	ug/kg	2500		98	45-135	27	25	R-7
1,2-Dibromoethane (EDB)	2580	100	ug/kg	2500		103	75-130	14	20	
Dibromomethane	2730	100	ug/kg	2500		109	75-135	15	20	
1,2-Dichlorobenzene	2880	100	ug/kg	2500		115	80-120	9	20	
1,3-Dichlorobenzene	2900	100	ug/kg	2500		116	80-120	6	20	
1,4-Dichlorobenzene	2890	100	ug/kg	2500		116	80-120	6	20	
Dichlorodifluoromethane	415	250	ug/kg	2500		17	10-160	4	30	
1,1-Dichloroethane	2880	100	ug/kg	2500		115	70-135	6	20	
1,2-Dichloroethane	2900	100	ug/kg	2500		116	60-150	11	25	
1,1-Dichloroethene	2560	250	ug/kg	2500		102	80-145	5	20	
cis-1,2-Dichloroethene	2680	100	ug/kg	2500		107	70-135	5	20	
trans-1,2-Dichloroethene	2720	100	ug/kg	2500		109	70-135	6	20	
1,2-Dichloropropane	2710	100	ug/kg	2500		108	75-125	8	20	
1,3-Dichloropropane	2570	100	ug/kg	2500		103	75-130	13	20	
2,2-Dichloropropane	3410	100	ug/kg	2500		136	70-150	1	20	
1,1-Dichloropropene	2830	100	ug/kg	2500		113	75-130	5	20	
cis-1,3-Dichloropropene	2740	100	ug/kg	2500		110	75-130	12	20	
trans-1,3-Dichloropropene	2740	100	ug/kg	2500		110	75-135	13	20	

Del Mar Analytical, Irvine
Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
2100 Main Street, Suite 150
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SB0202/31
Report Number: INE0031

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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: 4E04018 Extracted: 05/04/04										
LCS Dup Analyzed: 05/06/04 (4E04018-BSD1)										
Ethylbenzene	2840	100	ug/kg	2500		114	80-120	4	20	
Hexachlorobutadiene	3080	250	ug/kg	2500		123	75-140	6	20	
Isopropylbenzene	3100	100	ug/kg	2500		124	75-125	6	20	
p-Isopropyltoluene	2870	100	ug/kg	2500		115	80-125	2	20	
Methylene chloride	2740	1000	ug/kg	2500		110	60-145	7	20	
Naphthalene	2530	250	ug/kg	2500		101	50-145	25	25	
n-Propylbenzene	2980	100	ug/kg	2500		119	75-130	4	20	
Styrene	2820	100	ug/kg	2500		113	80-135	4	20	
1,1,1,2-Tetrachloroethane	2820	250	ug/kg	2500		113	70-145	4	20	
1,1,2,2-Tetrachloroethane	2430	100	ug/kg	2500		97	60-135	20	25	
Tetrachloroethene	2940	100	ug/kg	2500		118	80-125	6	20	
Toluene	2770	100	ug/kg	2500		111	80-125	7	20	
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135	18	20	
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	70-140	13	20	
1,1,1-Trichloroethane	3180	100	ug/kg	2500		127	75-140	4	20	
1,1,2-Trichloroethane	2570	100	ug/kg	2500		103	70-130	17	20	
Trichloroethene	2840	100	ug/kg	2500		114	80-130	8	20	
Trichlorofluoromethane	2540	250	ug/kg	2500		102	55-145	1	25	
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130	22	20	R-7
1,2,4-Trimethylbenzene	2980	100	ug/kg	2500		119	80-125	4	20	
1,3,5-Trimethylbenzene	3010	100	ug/kg	2500		120	80-125	4	20	
Vinyl chloride	798	250	ug/kg	2500		32	10-120	22	30	
o-Xylene	2780	100	ug/kg	2500		111	80-125	3	20	
m,p-Xylenes	5630	100	ug/kg	5000		113	80-120	5	20	
Surrogate: Dibromofluoromethane	2890		ug/kg	2500		116	50-160			
Surrogate: Toluene-d8	2840		ug/kg	2500		114	60-160			
Surrogate: 4-Bromofluorobenzene	2810		ug/kg	2500		112	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E04018-MS1)					Source: INE0031-04					
Benzene	3050	100	ug/kg	2500	660	96	60-140			
Bromobenzene	2200	250	ug/kg	2500	ND	88	65-130			
Bromochloromethane	2920	250	ug/kg	2500	ND	117	60-145			
Bromodichloromethane	2300	100	ug/kg	2500	ND	92	65-150			
Bromoform	1980	250	ug/kg	2500	ND	79	55-150			
Bromomethane	1330	250	ug/kg	2500	ND	53	30-160			
n-Butylbenzene	3980	250	ug/kg	2500	1800	87	60-150			
sec-Butylbenzene	3330	250	ug/kg	2500	1100	89	65-145			
tert-Butylbenzene	2120	250	ug/kg	2500	43	83	60-150			
Carbon tetrachloride	2270	250	ug/kg	2500	ND	91	70-140			
Chlorobenzene	2510	100	ug/kg	2500	ND	100	70-140			
Chloroethane	1530	250	ug/kg	2500	ND	61	30-170			
Chloroform	2270	100	ug/kg	2500	ND	91	60-140			
Chloromethane	1160	250	ug/kg	2500	ND	46	30-160			
2-Chlorotoluene	3070	250	ug/kg	2500	ND	123	60-140			
4-Chlorotoluene	2540	250	ug/kg	2500	ND	102	70-135			
Dibromochloromethane	2800	100	ug/kg	2500	ND	112	60-150			
1,2-Dibromo-3-chloropropane	2330	250	ug/kg	2500	ND	93	40-150			
1,2-Dibromoethane (EDB)	2080	100	ug/kg	2500	ND	83	65-140			
Dibromomethane	2260	100	ug/kg	2500	ND	90	65-140			
1,2-Dichlorobenzene	1980	100	ug/kg	2500	ND	79	70-130			
1,3-Dichlorobenzene	2020	100	ug/kg	2500	ND	81	60-155			
1,4-Dichlorobenzene	2080	100	ug/kg	2500	ND	83	55-150			
Dichlorodifluoromethane	436	250	ug/kg	2500	ND	17	10-160			
1,1-Dichloroethane	2270	100	ug/kg	2500	ND	91	60-155			
1,2-Dichloroethane	2210	100	ug/kg	2500	ND	88	55-150			
1,1-Dichloroethene	2200	250	ug/kg	2500	ND	88	60-165			
cis-1,2-Dichloroethene	2230	100	ug/kg	2500	ND	89	60-135			
trans-1,2-Dichloroethene	2160	100	ug/kg	2500	ND	86	50-155			
1,2-Dichloropropane	2360	100	ug/kg	2500	ND	94	65-135			
1,3-Dichloropropane	2100	100	ug/kg	2500	ND	84	65-135			
2,2-Dichloropropane	1900	100	ug/kg	2500	ND	76	60-150			
1,1-Dichloropropene	2140	100	ug/kg	2500	ND	86	60-140			
cis-1,3-Dichloropropene	2210	100	ug/kg	2500	ND	88	60-135			
trans-1,3-Dichloropropene	2300	100	ug/kg	2500	ND	92	55-155			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E04018-MS1)					Source: INE0031-04					
Ethylbenzene	6070	100	ug/kg	2500	3200	115	60-140			
Hexachlorobutadiene	1330	250	ug/kg	2500	ND	53	65-145			M2
Isopropylbenzene	4090	100	ug/kg	2500	1600	100	60-140			
p-Isopropyltoluene	4060	100	ug/kg	2500	1800	90	60-145			
Methylene chloride	2390	1000	ug/kg	2500	ND	96	50-155			
Naphthalene	7490	250	ug/kg	2500	4000	140	30-165			
n-Propylbenzene	5400	100	ug/kg	2500	2500	116	60-145			
Styrene	2440	100	ug/kg	2500	ND	98	60-145			
1,1,1,2-Tetrachloroethane	2360	250	ug/kg	2500	ND	94	65-145			
1,1,2,2-Tetrachloroethane	1170	100	ug/kg	2500	ND	47	60-150			M2
Tetrachloroethene	2060	100	ug/kg	2500	ND	82	65-145			
Toluene	7020	100	ug/kg	2500	3400	145	60-145			
1,2,3-Trichlorobenzene	1690	250	ug/kg	2500	ND	68	45-145			
1,2,4-Trichlorobenzene	1760	250	ug/kg	2500	ND	70	60-140			
1,1,1-Trichloroethane	2150	100	ug/kg	2500	ND	86	65-140			
1,1,2-Trichloroethane	2930	100	ug/kg	2500	ND	117	60-140			
Trichloroethene	3100	100	ug/kg	2500	ND	124	70-150			
Trichlorofluoromethane	1710	250	ug/kg	2500	ND	68	35-165			
1,2,3-Trichloropropane	1940	500	ug/kg	2500	ND	78	50-150			
1,2,4-Trimethylbenzene	12300	100	ug/kg	2500	8500	152	70-135			M1
1,3,5-Trimethylbenzene	5830	100	ug/kg	2500	2900	117	70-135			
Vinyl chloride	629	250	ug/kg	2500	ND	25	10-120			
o-Xylene	7500	100	ug/kg	2500	4400	124	60-145			
m,p-Xylenes	15300	100	ug/kg	5000	9000	126	60-140			
Surrogate: Dibromofluoromethane	2280		ug/kg	2500		91	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2350		ug/kg	2500		94	60-150			

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E04018-MSD1)					Source: INE0031-04					
Benzene	3280	100	ug/kg	2500	660	105	60-140	7	25	
Bromobenzene	2470	250	ug/kg	2500	ND	99	65-130	12	25	
Bromochloromethane	3260	250	ug/kg	2500	ND	130	60-145	11	25	
Bromodichloromethane	2450	100	ug/kg	2500	ND	98	65-150	6	25	
Bromoform	2130	250	ug/kg	2500	ND	85	55-150	7	30	
Bromomethane	1290	250	ug/kg	2500	ND	52	30-160	3	30	
n-Butylbenzene	4040	250	ug/kg	2500	1800	90	60-150	1	25	
sec-Butylbenzene	3430	250	ug/kg	2500	1100	93	65-145	3	25	
tert-Butylbenzene	2360	250	ug/kg	2500	43	93	60-150	11	20	
Carbon tetrachloride	2340	250	ug/kg	2500	ND	94	70-140	3	20	
Chlorobenzene	2770	100	ug/kg	2500	ND	111	70-140	10	25	
Chloroethane	1550	250	ug/kg	2500	ND	62	30-170	1	35	
Chloroform	2500	100	ug/kg	2500	ND	100	60-140	10	25	
Chloromethane	1240	250	ug/kg	2500	ND	50	30-160	7	30	
2-Chlorotoluene	3050	250	ug/kg	2500	ND	122	60-140	1	25	
4-Chlorotoluene	2630	250	ug/kg	2500	ND	105	70-135	3	20	
Dibromochloromethane	3090	100	ug/kg	2500	ND	124	60-150	10	25	
1,2-Dibromo-3-chloropropane	2550	250	ug/kg	2500	ND	102	40-150	9	30	
1,2-Dibromoethane (EDB)	2480	100	ug/kg	2500	ND	99	65-140	18	25	
Dibromomethane	2580	100	ug/kg	2500	ND	103	65-140	13	20	
1,2-Dichlorobenzene	2250	100	ug/kg	2500	ND	90	70-130	13	20	
1,3-Dichlorobenzene	2240	100	ug/kg	2500	ND	90	60-155	10	25	
1,4-Dichlorobenzene	2310	100	ug/kg	2500	ND	92	55-150	10	25	
Dichlorodifluoromethane	451	250	ug/kg	2500	ND	18	10-160	3	35	
1,1-Dichloroethane	2480	100	ug/kg	2500	ND	99	60-155	9	25	
1,2-Dichloroethane	2490	100	ug/kg	2500	ND	100	55-150	12	30	
1,1-Dichloroethene	2420	250	ug/kg	2500	ND	97	60-165	10	25	
cis-1,2-Dichloroethene	2440	100	ug/kg	2500	ND	98	60-135	9	25	
trans-1,2-Dichloroethene	2390	100	ug/kg	2500	ND	96	50-155	10	25	
1,2-Dichloropropane	2580	100	ug/kg	2500	ND	103	65-135	9	20	
1,3-Dichloropropane	2460	100	ug/kg	2500	ND	98	65-135	16	20	
2,2-Dichloropropane	2100	100	ug/kg	2500	ND	84	60-150	10	20	
1,1-Dichloropropene	2380	100	ug/kg	2500	ND	95	60-140	11	20	
cis-1,3-Dichloropropene	2500	100	ug/kg	2500	ND	100	60-135	12	25	
trans-1,3-Dichloropropene	2630	100	ug/kg	2500	ND	105	55-155	13	25	

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SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04018 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E04018-MSD1)					Source: INE0031-04					
Ethylbenzene	5820	100	ug/kg	2500	3200	105	60-140	4	25	
Hexachlorobutadiene	1690	250	ug/kg	2500	ND	68	65-145	24	25	
Isopropylbenzene	4040	100	ug/kg	2500	1600	98	60-140	1	25	
p-Isopropyltoluene	4150	100	ug/kg	2500	1800	94	60-145	2	25	
Methylene chloride	2720	1000	ug/kg	2500	ND	109	50-155	13	25	
Naphthalene	6910	250	ug/kg	2500	4000	116	30-165	8	30	
n-Propylbenzene	5030	100	ug/kg	2500	2500	101	60-145	7	25	
Styrene	2640	100	ug/kg	2500	ND	106	60-145	8	20	
1,1,1,2-Tetrachloroethane	2420	250	ug/kg	2500	ND	97	65-145	3	20	
1,1,2,2-Tetrachloroethane	1530	100	ug/kg	2500	ND	61	60-150	27	20	R-3
Tetrachloroethene	2300	100	ug/kg	2500	ND	92	65-145	11	25	
Toluene	5240	100	ug/kg	2500	3400	74	60-145	29	25	R
1,2,3-Trichlorobenzene	2060	250	ug/kg	2500	ND	82	45-145	20	30	
1,2,4-Trichlorobenzene	2050	250	ug/kg	2500	ND	82	60-140	15	25	
1,1,1-Trichloroethane	2370	100	ug/kg	2500	ND	95	65-140	10	25	
1,1,2-Trichloroethane	3150	100	ug/kg	2500	ND	126	60-140	7	20	
Trichloroethene	3340	100	ug/kg	2500	ND	134	70-150	7	25	
Trichlorofluoromethane	1820	250	ug/kg	2500	ND	73	35-165	6	30	
1,2,3-Trichloropropane	2310	500	ug/kg	2500	ND	92	50-150	17	20	
1,2,4-Trimethylbenzene	11200	100	ug/kg	2500	8500	108	70-135	9	20	
1,3,5-Trimethylbenzene	5270	100	ug/kg	2500	2900	95	70-135	10	25	
Vinyl chloride	559	250	ug/kg	2500	ND	22	10-120	12	35	
o-Xylene	7320	100	ug/kg	2500	4400	117	60-145	2	25	
m,p-Xylenes	14500	100	ug/kg	5000	9000	110	60-140	5	25	
Surrogate: Dibromofluoromethane	2470		ug/kg	2500		99	50-160			
Surrogate: Toluene-d8	2540		ug/kg	2500		102	60-160			
Surrogate: 4-Bromofluorobenzene	2530		ug/kg	2500		101	60-150			

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Sampled: 05/03/04
Received: 05/03/04

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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 RPD	RPD Limit	Data Qualifiers
Batch: 4E05037 Extracted: 05/05/04									
Blank Analyzed: 05/06/04 (4E05037-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: 4E05037 Extracted: 05/05/04										
Blank Analyzed: 05/06/04 (4E05037-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	5210		ug/kg	6670		78	25-120			
Surrogate: Phenol-d6	5620		ug/kg	6670		84	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: 4E05037 Extracted: 05/05/04										
Blank Analyzed: 05/06/04 (4E05037-BLK1)										
Surrogate: 2,4,6-Tribromophenol	6000		ug/kg	6670		90	35-120			
Surrogate: Nitrobenzene-d5	2770		ug/kg	3330		83	30-120			
Surrogate: 2-Fluorobiphenyl	3340		ug/kg	3330		100	35-120			
Surrogate: Terphenyl-d14	3420		ug/kg	3330		103	35-155			
LCS Analyzed: 05/06/04 (4E05037-BS1)										
Acenaphthene	3180	330	ug/kg	3330		95	55-120			
Acenaphthylene	3840	330	ug/kg	3330		115	55-120			
Aniline	1990	420	ug/kg	3330		60	30-120			
Anthracene	3700	330	ug/kg	3330		111	55-120			
Benzidine	1970	660	ug/kg	3330		59	10-180			
Benzoic acid	2310	830	ug/kg	3330		69	30-125			
Benzo(a)anthracene	3380	330	ug/kg	3330		102	65-120			
Benzo(b)fluoranthene	3380	330	ug/kg	3330		102	65-120			
Benzo(k)fluoranthene	3060	330	ug/kg	3330		92	60-120			
Benzo(g,h,i)perylene	3470	330	ug/kg	3330		104	25-160			
Benzo(a)pyrene	3450	330	ug/kg	3330		104	60-120			
Benzyl alcohol	2870	330	ug/kg	3330		86	40-130			
Bis(2-chloroethoxy)methane	2920	330	ug/kg	3330		88	50-120			
Bis(2-chloroethyl)ether	2930	170	ug/kg	3330		88	40-120			
Bis(2-chloroisopropyl)ether	2790	330	ug/kg	3330		84	40-120			
Bis(2-ethylhexyl)phthalate	3400	330	ug/kg	3330		102	65-125			
4-Bromophenyl phenyl ether	3030	330	ug/kg	3330		91	50-125			
Butyl benzyl phthalate	3330	330	ug/kg	3330		100	65-120			
4-Chloroaniline	1920	330	ug/kg	3330		58	20-120			
2-Chloronaphthalene	3040	330	ug/kg	3330		91	50-120			
4-Chloro-3-methylphenol	3200	330	ug/kg	3330		96	50-120			
2-Chlorophenol	2790	330	ug/kg	3330		84	45-120			
4-Chlorophenyl phenyl ether	3540	330	ug/kg	3330		106	55-120			
Chrysene	3320	330	ug/kg	3330		100	60-120			
Dibenz(a,h)anthracene	3500	420	ug/kg	3330		105	25-160			
Dibenzofuran	3000	330	ug/kg	3330		90	55-120			
Di-n-butyl phthalate	3810	330	ug/kg	3330		114	60-120			
1,3-Dichlorobenzene	2690	330	ug/kg	3330		81	40-120			
1,4-Dichlorobenzene	2520	330	ug/kg	3330		76	40-120			
1,2-Dichlorobenzene	2740	330	ug/kg	3330		82	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: 4E05037 Extracted: 05/05/04										
LCS Analyzed: 05/06/04 (4E05037-BS1)										
3,3-Dichlorobenzidine	2520	830	ug/kg	3330		76	20-170			
2,4-Dichlorophenol	2920	330	ug/kg	3330		88	55-120			
Diethyl phthalate	3760	330	ug/kg	3330		113	55-120			
2,4-Dimethylphenol	2860	330	ug/kg	3330		86	45-120			
Dimethyl phthalate	3820	330	ug/kg	3330		115	60-120			
4,6-Dinitro-2-methylphenol	2960	420	ug/kg	3330		89	50-120			
2,4-Dinitrophenol	2370	420	ug/kg	3330		71	25-140			
2,4-Dinitrotoluene	3510	330	ug/kg	3330		105	60-140			
2,6-Dinitrotoluene	3440	330	ug/kg	3330		103	60-125			
Di-n-octyl phthalate	3580	330	ug/kg	3330		108	60-135			
Fluoranthene	3520	330	ug/kg	3330		106	55-130			
Fluorene	3660	330	ug/kg	3330		110	55-120			
Hexachlorobenzene	3120	330	ug/kg	3330		94	45-120			
Hexachlorobutadiene	2880	330	ug/kg	3330		86	40-120			
Hexachlorocyclopentadiene	2920	830	ug/kg	3330		88	45-130			
Hexachloroethane	2670	330	ug/kg	3330		80	40-120			
Indeno(1,2,3-cd)pyrene	3480	330	ug/kg	3330		105	25-150			
Isophorone	2900	330	ug/kg	3330		87	45-120			
2-Methylnaphthalene	3270	330	ug/kg	3330		98	50-120			
2-Methylphenol	2720	330	ug/kg	3330		82	50-120			
4-Methylphenol	2900	330	ug/kg	3330		87	50-120			
Naphthalene	3470	330	ug/kg	3330		104	45-120			
2-Nitroaniline	3390	330	ug/kg	3330		102	55-130			
3-Nitroaniline	2770	330	ug/kg	3330		83	40-140			
4-Nitroaniline	3310	830	ug/kg	3330		99	40-160			
Nitrobenzene	2840	330	ug/kg	3330		85	45-120			
2-Nitrophenol	2910	330	ug/kg	3330		87	50-120			
4-Nitrophenol	3130	830	ug/kg	3330		94	45-135			
n-Nitrosodiphenylamine	2900	330	ug/kg	3330		87	55-120			
n-Nitroso-di-n-propylamine	2900	250	ug/kg	3330		87	45-120			
Pentachlorophenol	3420	830	ug/kg	3330		103	50-120			
Phenanthrene	3630	330	ug/kg	3330		109	55-120			
Phenol	2800	330	ug/kg	3330		84	45-120			
Pyrene	3780	330	ug/kg	3330		114	50-120			
1,2,4-Trichlorobenzene	2850	330	ug/kg	3330		86	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05037 Extracted: 05/05/04										
LCS Analyzed: 05/06/04 (4E05037-BS1)										
2,4,5-Trichlorophenol	3230	330	ug/kg	3330		97	55-120			
2,4,6-Trichlorophenol	3280	330	ug/kg	3330		98	55-120			
1,2-Diphenylhydrazine/Azobenzene	3400	330	ug/kg	3330		102	60-120			
Surrogate: 2-Fluorophenol	5300		ug/kg	6670		79	25-120			
Surrogate: Phenol-d6	5470		ug/kg	6670		82	30-120			
Surrogate: 2,4,6-Tribromophenol	5920		ug/kg	6670		89	35-120			
Surrogate: Nitrobenzene-d5	2730		ug/kg	3330		82	30-120			
Surrogate: 2-Fluorobiphenyl	3270		ug/kg	3330		98	35-120			
Surrogate: Terphenyl-d14	3430		ug/kg	3330		103	35-155			
Matrix Spike Analyzed: 05/06/04 (4E05037-MS1)										
Source: INE0029-03										
Acenaphthene	2730	330	ug/kg	3330	ND	82	45-120			
Acenaphthylene	3250	330	ug/kg	3330	ND	98	45-120			
Aniline	1900	420	ug/kg	3330	ND	57	30-120			
Anthracene	3320	330	ug/kg	3330	ND	100	55-120			
Benzidine	527	660	ug/kg	3330	ND	16	10-180			
Benzoic acid	2400	830	ug/kg	3330	370	61	20-125			
Benzo(a)anthracene	3010	330	ug/kg	3330	ND	90	55-120			
Benzo(b)fluoranthene	2960	330	ug/kg	3330	ND	89	65-120			
Benzo(k)fluoranthene	2880	330	ug/kg	3330	ND	86	55-120			
Benzo(g,h,i)perylene	3020	330	ug/kg	3330	ND	91	25-160			
Benzo(a)pyrene	3040	330	ug/kg	3330	ND	91	60-120			
Benzyl alcohol	2440	330	ug/kg	3330	ND	73	40-130			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330	ND	80	45-120			
Bis(2-chloroethyl)ether	2530	170	ug/kg	3330	ND	76	40-120			
Bis(2-chloroisopropyl)ether	2450	330	ug/kg	3330	ND	74	40-120			
Bis(2-ethylhexyl)phthalate	3020	330	ug/kg	3330	ND	91	60-135			
4-Bromophenyl phenyl ether	2770	330	ug/kg	3330	ND	83	50-125			
Butyl benzyl phthalate	2830	330	ug/kg	3330	ND	85	55-150			
4-Chloroaniline	1830	330	ug/kg	3330	ND	55	20-120			
2-Chloronaphthalene	2610	330	ug/kg	3330	ND	78	55-120			
4-Chloro-3-methylphenol	2800	330	ug/kg	3330	ND	84	45-125			
2-Chlorophenol	2470	330	ug/kg	3330	ND	74	40-120			
4-Chlorophenyl phenyl ether	3010	330	ug/kg	3330	ND	90	55-120			
Chrysene	2970	330	ug/kg	3330	ND	89	60-120			
Dibenz(a,h)anthracene	3120	420	ug/kg	3330	ND	94	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05037 Extracted: 05/05/04										
Matrix Spike Analyzed: 05/06/04 (4E05037-MS1)					Source: INE0029-03					
Dibenzofuran	2520	330	ug/kg	3330	ND	76	55-120			
Di-n-butyl phthalate	3280	330	ug/kg	3330	ND	98	60-120			
1,3-Dichlorobenzene	2400	330	ug/kg	3330	ND	72	35-120			
1,4-Dichlorobenzene	2260	330	ug/kg	3330	ND	68	40-120			
1,2-Dichlorobenzene	2420	330	ug/kg	3330	ND	73	40-120			
3,3-Dichlorobenzidine	2680	830	ug/kg	3330	ND	80	20-170			
2,4-Dichlorophenol	2640	330	ug/kg	3330	ND	79	40-120			
Diethyl phthalate	2980	330	ug/kg	3330	ND	89	55-120			
2,4-Dimethylphenol	2560	330	ug/kg	3330	ND	77	35-120			
Dimethyl phthalate	3130	330	ug/kg	3330	ND	94	50-120			
4,6-Dinitro-2-methylphenol	2440	420	ug/kg	3330	ND	73	40-120			
2,4-Dinitrophenol	2030	420	ug/kg	3330	ND	61	20-140			
2,4-Dinitrotoluene	2920	330	ug/kg	3330	ND	88	55-140			
2,6-Dinitrotoluene	2930	330	ug/kg	3330	ND	88	55-125			
Di-n-octyl phthalate	3270	330	ug/kg	3330	ND	98	45-140			
Fluoranthene	3200	330	ug/kg	3330	ND	96	45-130			
Fluorene	2990	330	ug/kg	3330	ND	90	55-120			
Hexachlorobenzene	2790	330	ug/kg	3330	ND	84	35-120			
Hexachlorobutadiene	2550	330	ug/kg	3330	ND	77	40-120			
Hexachlorocyclopentadiene	2260	830	ug/kg	3330	ND	68	30-145			
Hexachloroethane	2330	330	ug/kg	3330	ND	70	40-120			
Indeno(1,2,3-cd)pyrene	3120	330	ug/kg	3330	ND	94	25-150			
Isophorone	2570	330	ug/kg	3330	ND	77	40-120			
2-Methylnaphthalene	2770	330	ug/kg	3330	ND	83	40-120			
2-Methylphenol	2500	330	ug/kg	3330	ND	75	40-120			
4-Methylphenol	2590	330	ug/kg	3330	ND	78	40-120			
Naphthalene	2990	330	ug/kg	3330	ND	90	40-120			
2-Nitroaniline	2820	330	ug/kg	3330	ND	85	55-130			
3-Nitroaniline	2570	330	ug/kg	3330	ND	77	40-140			
4-Nitroaniline	2680	830	ug/kg	3330	ND	80	40-160			
Nitrobenzene	2580	330	ug/kg	3330	ND	77	45-120			
2-Nitrophenol	2610	330	ug/kg	3330	ND	78	40-120			
4-Nitrophenol	2620	830	ug/kg	3330	ND	79	35-135			
n-Nitrosodiphenylamine	2700	330	ug/kg	3330	ND	81	55-120			
n-Nitroso-di-n-propylamine	2440	250	ug/kg	3330	ND	73	40-120			

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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: 4E05037 Extracted: 05/05/04										
Matrix Spike Analyzed: 05/06/04 (4E05037-MS1)					Source: INE0029-03					
Pentachlorophenol	3020	830	ug/kg	3330	ND	91	40-120			
Phenanthrene	3280	330	ug/kg	3330	ND	98	55-120			
Phenol	2440	330	ug/kg	3330	ND	73	40-120			
Pyrene	3180	330	ug/kg	3330	ND	95	50-120			
1,2,4-Trichlorobenzene	2460	330	ug/kg	3330	ND	74	45-120			
2,4,5-Trichlorophenol	2840	330	ug/kg	3330	ND	85	55-120			
2,4,6-Trichlorophenol	2730	330	ug/kg	3330	ND	82	40-120			
1,2-Diphenylhydrazine/Azobenzene	2820	330	ug/kg	3330	ND	85	60-120			
Surrogate: 2-Fluorophenol	4690		ug/kg	6670		70	25-120			
Surrogate: Phenol-d6	4860		ug/kg	6670		73	30-120			
Surrogate: 2,4,6-Tribromophenol	5550		ug/kg	6670		83	35-120			
Surrogate: Nitrobenzene-d5	2390		ug/kg	3330		72	30-120			
Surrogate: 2-Fluorobiphenyl	2790		ug/kg	3330		84	35-120			
Surrogate: Terphenyl-d14	2830		ug/kg	3330		85	35-155			
Matrix Spike Dup Analyzed: 05/06/04 (4E05037-MSD1)					Source: INE0029-03					
Acenaphthene	2840	330	ug/kg	3330	ND	85	45-120	4	20	
Acenaphthylene	3420	330	ug/kg	3330	ND	103	45-120	5	20	
Aniline	1940	420	ug/kg	3330	ND	58	30-120	2	25	
Anthracene	3380	330	ug/kg	3330	ND	102	55-120	2	20	
Benzidine	606	660	ug/kg	3330	ND	18	10-180	14	25	
Benzoic acid	2400	830	ug/kg	3330	370	61	20-125	0	25	
Benzo(a)anthracene	3110	330	ug/kg	3330	ND	93	55-120	3	20	
Benzo(b)fluoranthene	2970	330	ug/kg	3330	ND	89	65-120	0	20	
Benzo(k)fluoranthene	3020	330	ug/kg	3330	ND	91	55-120	5	20	
Benzo(g,h,i)perylene	3040	330	ug/kg	3330	ND	91	25-160	1	25	
Benzo(a)pyrene	3110	330	ug/kg	3330	ND	93	60-120	2	20	
Benzyl alcohol	2540	330	ug/kg	3330	ND	76	40-130	4	25	
Bis(2-chloroethoxy)methane	2640	330	ug/kg	3330	ND	79	45-120	1	20	
Bis(2-chloroethyl)ether	2650	170	ug/kg	3330	ND	80	40-120	5	25	
Bis(2-chloroisopropyl)ether	2550	330	ug/kg	3330	ND	77	40-120	4	25	
Bis(2-ethylhexyl)phthalate	3100	330	ug/kg	3330	ND	93	60-135	3	20	
4-Bromophenyl phenyl ether	2800	330	ug/kg	3330	ND	84	50-125	1	20	
Butyl benzyl phthalate	3060	330	ug/kg	3330	ND	92	55-150	8	20	
4-Chloroaniline	1940	330	ug/kg	3330	ND	58	20-120	6	25	
2-Chloronaphthalene	2730	330	ug/kg	3330	ND	82	55-120	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05037 Extracted: 05/05/04										
Matrix Spike Dup Analyzed: 05/06/04 (4E05037-MSD1)					Source: INE0029-03					
4-Chloro-3-methylphenol	2780	330	ug/kg	3330	ND	83	45-125	1	20	
2-Chlorophenol	2530	330	ug/kg	3330	ND	76	40-120	2	20	
4-Chlorophenyl phenyl ether	3260	330	ug/kg	3330	ND	98	55-120	8	20	
Chrysene	3010	330	ug/kg	3330	ND	90	60-120	1	20	
Dibenz(a,h)anthracene	3110	420	ug/kg	3330	ND	93	25-160	0	25	
Dibenzofuran	2690	330	ug/kg	3330	ND	81	55-120	7	20	
Di-n-butyl phthalate	3470	330	ug/kg	3330	ND	104	60-120	6	20	
1,3-Dichlorobenzene	2560	330	ug/kg	3330	ND	77	35-120	6	25	
1,4-Dichlorobenzene	2320	330	ug/kg	3330	ND	70	40-120	3	25	
1,2-Dichlorobenzene	2520	330	ug/kg	3330	ND	76	40-120	4	20	
3,3-Dichlorobenzidine	2740	830	ug/kg	3330	ND	82	20-170	2	25	
2,4-Dichlorophenol	2630	330	ug/kg	3330	ND	79	40-120	0	20	
Diethyl phthalate	3280	330	ug/kg	3330	ND	98	55-120	10	20	
2,4-Dimethylphenol	2560	330	ug/kg	3330	ND	77	35-120	0	25	
Dimethyl phthalate	3340	330	ug/kg	3330	ND	100	50-120	6	20	
4,6-Dinitro-2-methylphenol	2420	420	ug/kg	3330	ND	73	40-120	1	20	
2,4-Dinitrophenol	2030	420	ug/kg	3330	ND	61	20-140	0	25	
2,4-Dinitrotoluene	3120	330	ug/kg	3330	ND	94	55-140	7	20	
2,6-Dinitrotoluene	3060	330	ug/kg	3330	ND	92	55-125	4	20	
Di-n-octyl phthalate	3300	330	ug/kg	3330	ND	99	45-140	1	20	
Fluoranthene	3290	330	ug/kg	3330	ND	99	45-130	3	20	
Fluorene	3250	330	ug/kg	3330	ND	98	55-120	8	20	
Hexachlorobenzene	2850	330	ug/kg	3330	ND	86	35-120	2	25	
Hexachlorobutadiene	2610	330	ug/kg	3330	ND	78	40-120	2	20	
Hexachlorocyclopentadiene	2260	830	ug/kg	3330	ND	68	30-145	0	30	
Hexachloroethane	2480	330	ug/kg	3330	ND	74	40-120	6	20	
Indeno(1,2,3-cd)pyrene	3020	330	ug/kg	3330	ND	91	25-150	3	25	
Isophorone	2570	330	ug/kg	3330	ND	77	40-120	0	20	
2-Methylnaphthalene	2860	330	ug/kg	3330	ND	86	40-120	3	20	
2-Methylphenol	2570	330	ug/kg	3330	ND	77	40-120	3	20	
4-Methylphenol	2640	330	ug/kg	3330	ND	79	40-120	2	20	
Naphthalene	3120	330	ug/kg	3330	ND	94	40-120	4	20	
2-Nitroaniline	2920	330	ug/kg	3330	ND	88	55-130	3	20	
3-Nitroaniline	2710	330	ug/kg	3330	ND	81	40-140	5	25	
4-Nitroaniline	2960	830	ug/kg	3330	ND	89	40-160	10	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05037 Extracted: 05/05/04										
Matrix Spike Dup Analyzed: 05/06/04 (4E05037-MSD1)					Source: INE0029-03					
Nitrobenzene	2630	330	ug/kg	3330	ND	79	45-120	2	20	
2-Nitrophenol	2640	330	ug/kg	3330	ND	79	40-120	1	20	
4-Nitrophenol	2850	830	ug/kg	3330	ND	86	35-135	8	25	
n-Nitrosodiphenylamine	2680	330	ug/kg	3330	ND	80	55-120	1	20	
n-Nitroso-di-n-propylamine	2600	250	ug/kg	3330	ND	78	40-120	6	20	
Pentachlorophenol	3060	830	ug/kg	3330	ND	92	40-120	1	20	
Phenanthrene	3300	330	ug/kg	3330	ND	99	55-120	1	20	
Phenol	2420	330	ug/kg	3330	ND	73	40-120	1	20	
Pyrene	3500	330	ug/kg	3330	ND	105	50-120	10	20	
1,2,4-Trichlorobenzene	2610	330	ug/kg	3330	ND	78	45-120	6	20	
2,4,5-Trichlorophenol	2930	330	ug/kg	3330	ND	88	55-120	3	20	
2,4,6-Trichlorophenol	2800	330	ug/kg	3330	ND	84	40-120	3	20	
1,2-Diphenylhydrazine/Azobenzene	2950	330	ug/kg	3330	ND	89	60-120	5	20	
Surrogate: 2-Fluorophenol	4790		ug/kg	6670		72	25-120			
Surrogate: Phenol-d6	4840		ug/kg	6670		73	30-120			
Surrogate: 2,4,6-Tribromophenol	5380		ug/kg	6670		81	35-120			
Surrogate: Nitrobenzene-d5	2420		ug/kg	3330		73	30-120			
Surrogate: 2-Fluorobiphenyl	2870		ug/kg	3330		86	35-120			
Surrogate: Terphenyl-d14	3060		ug/kg	3330		92	35-155			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04062 Extracted: 05/04/04										
Blank Analyzed: 05/04/04 (4E04062-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							
LCS Analyzed: 05/04/04 (4E04062-BS1)										
Antimony	48.8	10	mg/kg	50.0		98	80-120			
Arsenic	48.4	2.0	mg/kg	50.0		97	80-120			
Barium	48.6	1.0	mg/kg	50.0		97	80-120			
Beryllium	48.0	0.50	mg/kg	50.0		96	80-120			
Cadmium	46.9	0.50	mg/kg	50.0		94	80-120			
Chromium	48.4	1.0	mg/kg	50.0		97	80-120			
Cobalt	48.0	1.0	mg/kg	50.0		96	80-120			
Copper	47.1	2.0	mg/kg	50.0		94	80-120			
Lead	47.8	2.0	mg/kg	50.0		96	80-120			
Molybdenum	48.4	2.0	mg/kg	50.0		97	80-120			
Nickel	48.2	2.0	mg/kg	50.0		96	80-120			
Selenium	46.8	2.0	mg/kg	50.0		94	80-120			
Silver	24.4	1.0	mg/kg	25.0		98	80-120			
Thallium	48.1	10	mg/kg	50.0		96	80-120			
Vanadium	49.4	1.0	mg/kg	50.0		99	80-120			
Zinc	45.5	5.0	mg/kg	50.0		91	80-120			

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E04062 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E04062-MS1)					Source: INE0048-05					
Antimony	19.6	10	mg/kg	50.0	ND	39	75-125			M2
Arsenic	50.8	2.0	mg/kg	50.0	3.5	95	75-125			
Barium	130	1.0	mg/kg	50.0	73	114	75-125			
Beryllium	48.1	0.50	mg/kg	50.0	0.40	95	75-125			
Cadmium	45.0	0.50	mg/kg	50.0	0.40	89	75-125			
Chromium	63.0	1.0	mg/kg	50.0	13	100	75-125			
Cobalt	50.4	1.0	mg/kg	50.0	4.2	92	75-125			
Copper	55.2	2.0	mg/kg	50.0	7.0	96	75-125			
Lead	57.5	2.0	mg/kg	50.0	11	93	75-125			
Molybdenum	46.5	2.0	mg/kg	50.0	0.42	92	75-125			
Nickel	56.1	2.0	mg/kg	50.0	8.2	96	75-125			
Selenium	48.0	2.0	mg/kg	50.0	0.63	95	75-125			
Silver	24.0	1.0	mg/kg	25.0	0.16	95	75-125			
Thallium	45.3	10	mg/kg	50.0	ND	91	75-125			
Vanadium	76.9	1.0	mg/kg	50.0	25	104	75-125			
Zinc	110	5.0	mg/kg	50.0	59	102	75-125			
Matrix Spike Dup Analyzed: 05/04/04 (4E04062-MSD1)					Source: INE0048-05					
Antimony	18.2	10	mg/kg	50.0	ND	36	75-125	7	20	M2
Arsenic	49.4	2.0	mg/kg	50.0	3.5	92	75-125	3	20	
Barium	128	1.0	mg/kg	50.0	73	110	75-125	2	20	
Beryllium	46.9	0.50	mg/kg	50.0	0.40	93	75-125	3	20	
Cadmium	44.0	0.50	mg/kg	50.0	0.40	87	75-125	2	20	
Chromium	60.7	1.0	mg/kg	50.0	13	95	75-125	4	20	
Cobalt	49.0	1.0	mg/kg	50.0	4.2	90	75-125	3	20	
Copper	54.3	2.0	mg/kg	50.0	7.0	95	75-125	2	20	
Lead	56.1	2.0	mg/kg	50.0	11	90	75-125	2	20	
Molybdenum	44.9	2.0	mg/kg	50.0	0.42	89	75-125	4	20	
Nickel	55.0	2.0	mg/kg	50.0	8.2	94	75-125	2	20	
Selenium	45.7	2.0	mg/kg	50.0	0.63	90	75-125	5	20	
Silver	23.5	1.0	mg/kg	25.0	0.16	93	75-125	2	20	
Thallium	44.2	10	mg/kg	50.0	ND	88	75-125	2	20	
Vanadium	75.4	1.0	mg/kg	50.0	25	101	75-125	2	20	
Zinc	109	5.0	mg/kg	50.0	59	100	75-125	1	20	

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E06074 Extracted: 05/06/04										
Blank Analyzed: 05/06/04 (4E06074-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 05/06/04 (4E06074-BS1)										
Mercury	0.799	0.020	mg/kg	0.800		100	85-120			
Matrix Spike Analyzed: 05/06/04 (4E06074-MS1)										
					Source: INE0234-22					
Mercury	0.850	0.020	mg/kg	0.800	0.030	102	65-135			
Matrix Spike Dup Analyzed: 05/06/04 (4E06074-MSD1)										
					Source: INE0234-22					
Mercury	0.864	0.020	mg/kg	0.800	0.030	104	65-135	2	20	

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E04054 Extracted: 05/04/04										
Duplicate Analyzed: 05/04/04 (4E04054-DUP1)					Source: INE0031-04					
pH	10.6	NA	pH Units		10.6			0	5	
Batch: 4E05069 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05069-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 05/05/04 (4E05069-BS1)										
Chromium VI	4.61	0.20	mg/kg	5.00		92	65-110			
Matrix Spike Analyzed: 05/05/04 (4E05069-MS1)					Source: INE0031-04					
Chromium VI	0.0393	0.20	mg/kg	5.00	ND	1	55-110			M2
Matrix Spike Dup Analyzed: 05/05/04 (4E05069-MSD1)					Source: INE0031-04					
Chromium VI	ND	0.20	mg/kg	5.00	ND		55-110		20	M2
Batch: 4E10046 Extracted: 05/10/04										
Duplicate Analyzed: 05/10/04 (4E10046-DUP1)					Source: INE0240-01					
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
Duplicate Analyzed: 05/10/04 (4E10046-DUP2)					Source: INE0411-01					
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
Batch: 4E10055 Extracted: 05/10/04										
Blank Analyzed: 05/10/04 (4E10055-BLK1)										
Oil & Grease	ND	5.0	mg/kg							

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E10055 Extracted: 05/10/04										
LCS Analyzed: 05/10/04 (4E10055-BS1)										
Oil & Grease	15.9	5.0	mg/kg	20.0		80	55-130			
LCS Dup Analyzed: 05/10/04 (4E10055-BSD1)										
Oil & Grease	16.6	5.0	mg/kg	20.0		83	55-130	4	20	
Matrix Spike Analyzed: 05/10/04 (4E10055-MS1)										
Oil & Grease	1110	50	mg/kg	20.0	1000	550	35-130			M-HA
Matrix Spike Dup Analyzed: 05/10/04 (4E10055-MSD1)										
Oil & Grease	947	50	mg/kg	20.0	1000	-265	35-130	16	25	M-HA

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E06022 Extracted: 05/06/04										
Blank Analyzed: 05/07/04 (4E06022-BLK1)										
Aldrin	ND	1.0	ug/kg							
alpha-BHC	ND	1.0	ug/kg							
beta-BHC	ND	1.0	ug/kg							
delta-BHC	ND	1.0	ug/kg							
gamma-BHC (Lindane)	ND	1.0	ug/kg							
Chlordane (tech)	ND	20	ug/kg							
4,4'-DDD	ND	6.0	ug/kg							
4,4'-DDE	ND	2.0	ug/kg							
4,4'-DDT	ND	6.0	ug/kg							
Dieldrin	ND	2.0	ug/kg							
Endosulfan I	ND	2.0	ug/kg							
Endosulfan II	ND	2.0	ug/kg							
Endosulfan sulfate	ND	6.0	ug/kg							
Endrin	ND	2.0	ug/kg							
Endrin aldehyde	ND	6.0	ug/kg							
Endrin ketone	ND	6.0	ug/kg							
Heptachlor	ND	1.0	ug/kg							
Heptachlor epoxide	ND	1.0	ug/kg							
Methoxychlor	ND	20	ug/kg							
Toxaphene	ND	80	ug/kg							
Surrogate: Tetrachloro-m-xylene	17.0		ug/kg	16.7		102	66-116			
Surrogate: Decachlorobiphenyl	32.6		ug/kg	33.3		98	42-153			

LCS Analyzed: 05/07/04 (4E06022-BS1)

Aldrin	2.76	1.0	ug/kg	3.33		83	58-112			
alpha-BHC	2.79	1.0	ug/kg	3.33		84	66-107			
beta-BHC	3.06	1.0	ug/kg	3.33		92	53-131			
delta-BHC	3.72	1.0	ug/kg	3.33		112	62-126			
gamma-BHC (Lindane)	3.06	1.0	ug/kg	3.33		92	46-123			
4,4'-DDD	17.2	6.0	ug/kg	20.0		86	57-131			
4,4'-DDE	4.30	2.0	ug/kg	6.67		65	62-113			
4,4'-DDT	15.9	6.0	ug/kg	20.0		80	36-146			
Dieldrin	5.49	2.0	ug/kg	6.67		82	62-119			
Endosulfan I	5.14	2.0	ug/kg	6.67		77	56-109			
Endosulfan II	5.44	2.0	ug/kg	6.67		82	53-125			
Endosulfan sulfate	19.3	6.0	ug/kg	20.0		97	61-141			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

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

 Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0031

 Sampled: 05/03/04
 Received: 05/03/04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E06022 Extracted: 05/06/04										
LCS Analyzed: 05/07/04 (4E06022-BS1)										
Endrin	5.66	2.0	ug/kg	6.67		85	63-119			
Endrin aldehyde	18.4	6.0	ug/kg	20.0		92	53-132			
Endrin ketone	19.5	6.0	ug/kg	20.0		98	51-144			
Heptachlor	2.90	1.0	ug/kg	3.33		87	56-121			
Heptachlor epoxide	2.86	1.0	ug/kg	3.33		86	66-115			
Methoxychlor	10.7	20	ug/kg	13.3		81	17-165			
Surrogate: Tetrachloro- <i>m</i> -xylene	11.6		ug/kg	13.3		87	66-116			
Surrogate: Decachlorobiphenyl	24.7		ug/kg	26.7		93	42-153			
Matrix Spike Analyzed: 05/07/04 (4E06022-MS1)										
Source: MNE0111-06										
Aldrin	2.39	1.0	ug/kg	3.33	ND	72	58-112			
alpha-BHC	2.44	1.0	ug/kg	3.33	ND	73	66-107			
beta-BHC	2.31	1.0	ug/kg	3.33	ND	69	53-131			
delta-BHC	3.41	1.0	ug/kg	3.33	ND	102	62-126			
gamma-BHC (Lindane)	2.57	1.0	ug/kg	3.33	ND	77	46-123			
4,4'-DDD	15.7	6.0	ug/kg	20.0	ND	79	57-131			
4,4'-DDE	71.4	2.0	ug/kg	6.67	62	141	62-113			QM01
4,4'-DDT	25.2	6.0	ug/kg	20.0	ND	126	36-146			
Dieldrin	9.59	2.0	ug/kg	6.67	4.1	82	62-119			
Endosulfan I	4.67	2.0	ug/kg	6.67	ND	70	56-109			
Endosulfan II	5.72	2.0	ug/kg	6.67	1.1	69	53-125			
Endosulfan sulfate	17.0	6.0	ug/kg	20.0	ND	85	61-141			
Endrin	6.47	2.0	ug/kg	6.67	0.82	85	63-119			
Endrin aldehyde	16.6	6.0	ug/kg	20.0	ND	83	53-132			
Endrin ketone	18.3	6.0	ug/kg	20.0	ND	92	51-144			
Heptachlor	2.44	1.0	ug/kg	3.33	ND	73	56-121			
Heptachlor epoxide	2.33	1.0	ug/kg	3.33	ND	70	66-115			
Methoxychlor	8.89	20	ug/kg	13.3	ND	67	17-165			
Surrogate: Tetrachloro- <i>m</i> -xylene	9.10		ug/kg	13.3		68	66-116			
Surrogate: Decachlorobiphenyl	19.4		ug/kg	26.7		73	42-153			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

METHOD BLANK/QC DATA

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E06022 Extracted: 05/06/04										
Matrix Spike Dup Analyzed: 05/07/04 (4E06022-MSD1)					Source: MNE0111-06					
Aldrin	2.44	1.0	ug/kg	3.33	ND	73	58-112	2	20	
alpha-BHC	2.40	1.0	ug/kg	3.33	ND	72	66-107	2	20	
beta-BHC	2.31	1.0	ug/kg	3.33	ND	69	53-131	0	20	
delta-BHC	3.30	1.0	ug/kg	3.33	ND	99	62-126	3	20	
gamma-BHC (Lindane)	2.55	1.0	ug/kg	3.33	ND	77	46-123	1	20	
4,4'-DDD	16.8	6.0	ug/kg	20.0	ND	84	57-131	7	20	
4,4'-DDE	113	2.0	ug/kg	6.67	62	765	62-113	45	20	QM01, QM20
4,4'-DDT	36.9	6.0	ug/kg	20.0	ND	184	36-146	38	20	QM01, QM20
Dieldrin	12.8	2.0	ug/kg	6.67	4.1	130	62-119	29	20	QM01, QM20
Endosulfan I	4.87	2.0	ug/kg	6.67	ND	73	56-109	4	20	
Endosulfan II	6.47	2.0	ug/kg	6.67	1.1	81	53-125	12	20	
Endosulfan sulfate	17.7	6.0	ug/kg	20.0	ND	89	61-141	4	20	
Endrin	7.86	2.0	ug/kg	6.67	0.82	106	63-119	19	20	
Endrin aldehyde	18.5	6.0	ug/kg	20.0	ND	93	53-132	11	20	
Endrin ketone	19.0	6.0	ug/kg	20.0	ND	95	51-144	4	20	
Heptachlor	2.45	1.0	ug/kg	3.33	ND	74	56-121	0	20	
Heptachlor epoxide	2.35	1.0	ug/kg	3.33	ND	71	66-115	1	20	
Methoxychlor	11.7	20	ug/kg	13.3	ND	88	17-165	27	20	QC21
Surrogate: Tetrachloro-m-xylene	9.23		ug/kg	13.3		69	66-116			
Surrogate: Decachlorobiphenyl	19.5		ug/kg	26.7		73	42-153			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

METHOD BLANK/QC DATA

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 4E06023 Extracted: 05/06/04										
Blank Analyzed: 05/11/04 (4E06023-BLK1)										
PCB-1016	ND	20	ug/kg							C-06
PCB-1221	ND	80	ug/kg							
PCB-1232	ND	20	ug/kg							
PCB-1242	ND	20	ug/kg							
PCB-1248	ND	20	ug/kg							
PCB-1254	ND	20	ug/kg							
PCB-1260	ND	20	ug/kg							
PCB-1268	ND	20	ug/kg							
Surrogate: Tetrachloro-m-xylene	18.0		ug/kg	16.7		108	23-151			
Surrogate: Decachlorobiphenyl	29.3		ug/kg	33.3		88	26-142			
LCS Analyzed: 05/11/04 (4E06023-BS1)										
PCB-1260	91.7	20	ug/kg	83.3		110	47-126			C-06
Surrogate: Tetrachloro-m-xylene	18.1		ug/kg	16.7		108	23-151			
Surrogate: Decachlorobiphenyl	36.9		ug/kg	33.3		111	26-142			
Matrix Spike Analyzed: 05/11/04 (4E06023-MS1)										
					Source: INE0031-05					C-06
PCB-1260	344	400	ug/kg	83.3	ND	413	47-126			QM04
Surrogate: Tetrachloro-m-xylene	33.7		ug/kg	16.7		202	23-151			S09
Surrogate: Decachlorobiphenyl	54.5		ug/kg	33.3		164	26-142			S09
Matrix Spike Dup Analyzed: 05/11/04 (4E06023-MSD1)										
					Source: INE0031-05					C-06
PCB-1260	371	400	ug/kg	83.3	ND	445	47-126	8	37	QM04
Surrogate: Tetrachloro-m-xylene	33.7		ug/kg	16.7		202	23-151			S09
Surrogate: Decachlorobiphenyl	152		ug/kg	33.3		456	26-142			S09

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0031

Sampled: 05/03/04
Received: 05/03/04

DATA QUALIFIERS AND DEFINITIONS

- C-06** To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
- M1** The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M-HA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- QC21** The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QM01** The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM04** The spike recovery was above control limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM20** The RPD was outside control limits for the MS/MSD due to analyte concentration at 4 times or greater the spike concentration.
- R** The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R-05** The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- R-3** The RPD exceeded the method control limit due to sample matrix effects.
- R-7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- RL-2** Reporting limit raised due to high concentrations of hydrocarbons.
- S08** The surrogate recovery for this sample is not available due to sample dilution which was required by high analyte concentration and/or matrix interference.
- S09** The recovery of this surrogate is outside control limits due to sample dilution which was required by high analyte concentration in the sample and/or matrix interference.
- SB** Sustained burning when exposed to open flame.
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

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

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

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

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0031

Sampled: 05/03/04
 Received: 05/03/04

Certification Summary

Del Mar Analytical, Irvine

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

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Subcontracted Laboratories

Calscience-SUB CA ELAP Cert #1230

7440 Lincoln Way - Garden Grove, CA 92841

Analysis Performed: Organic Lead

Samples: INE0031-04, INE0031-05, INE0031-08

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

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 8081A

Samples: INE0031-04, INE0031-05, INE0031-08

Method Performed: EPA 8082

Samples: INE0031-04, INE0031-05, INE0031-08

Del Mar Analytical, Irvine

Amanda Cordova

Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8586 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

Client Name/Address: GeoSyntec Consultants 2100 main st. Suite 150 Huntington Beach, CA 92648		P.O. #: SBOZ02131		ANALYSIS REQUIRED													
Project Manager/Phone Number: Mike Reardon (714)969-0800 Sampler: Duygu Tokat Gary Yoshida		Project: Ascon Landfill Phase I		Phone Number: (714) 969-0800		Fax Number: (714) 969-0820		See List 8260									
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions											
PNL-1-18.5/EC	Soil	Encore	2	5/3/04 0905	N	Composite as PNL-14											
PNL-1-21.5/EC	Soil	Encore	1	5/3/04 0910	N	Composite as PNL-14											
PNL-1-3	Soil	SSring	3	5/3/04 0930	N	Composite as PNL-14											
PNL-1-10	Soil	SSring	1	5/3 0800	N	Composite as PNL-14											
PNL-1-7	Soil	SSring	1	5/3 0830	N	Composite as PNL-14											
PNL-1-18	Soil	SSring	1	5/3 0805	N	Composite as PNL-14											
PNL-1-15	Soil	SSring	1	5/3 0910	N	Composite as PNL-14											
PNL-1-13	Soil	SSring	1	5/3 0845	N	Composite as PNL-14											
PNL-1-21	Soil	SSring	1	5/3 0835	N	Composite as PNL-14											
PNL-14-15	Soil	SSring	1	5/3 0927	N	Composite as PNL-14											
PNL-14-18	Soil	SSring	1	5/3 1146	N	Composite as PNL-14											
PNL-14-15-EC	Soil	SSring	3	5/3 1153	N	Composite as PNL-14											
PNL-14-18.5-EC	Soil	SSring	3	5/3 1155	N	Composite as PNL-14											
PNL-14-21	Soil	SSring	1	5/3 1210	N	Composite as PNL-14											
Relinquished By <i>Kevin O'Neil</i>		Date/Time 5/3/04 1625		Received By <i>Trick Carley</i>		Date/Time 5/3/04 1625		Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal _____ X Sample Integrity: (Check) Intact _____ On Ice: _____									
Relinquished By <i>Trick Carley</i>		Date/Time 5/3/04 1700		Received By <i>[Signature]</i>		Date/Time 5/3/04 1700		page 1 of 2									



Del Mar Analytical

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

CHAIN OF CUSTODY FORM

Client Name/Address: Geo Syntec Consultants 2100 Main St. Suite 150 Huntington Beach, CA 92648		P.O. #: SBO202/31		ANALYSIS REQUIRED		
Project Manager/Phone Number: Mike Reardon (714) 969-0800		Project: ASCON Landfill Phase I				
Sampler: Dyggv Tokat Gary Yoshitoba		Phone Number: (714) 969-0800		See List 8260		
Fax Number: (714) 969-0820						
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions
PNL-7-9.5'	Soil	SSring	1	5/3/04 14:15	N] Composit as PNL-7
PNL-7-12'	Soil	SSring	1	5/3/04 14:20	N	
PNL-7-12.5'	Soil	Encore	3	5/3/04 14:20	N	
PNL-7-15'	Soil	SSring	1	5/3/04 14:35	N	
PNL-7-18'	Soil	SSring	1	5/3/04 14:40	N	
Relinquished By Lynn Day	Date/Time: 5/3/04 1625	Received By Mark Carley	Date/Time: 5/3/04 1620	Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal _____ X Sample Integrity: (Check) Intact _____ X _____ On Ice: _____ S/C		
Relinquished By Mark Carley	Date/Time: 5/3/04 1700	Received By 22	Date/Time: 5/3/04 17:00			



2852 Alton Ave., Irvine, CA 92626 Ph (949) 261-1022 Fax (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851
 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0031

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

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

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

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

Sample ID: INE0031-04 Organic Lead	Soil Sampled: 05/03/04 09:27 05/17/04 09:27	Composite of 7 Sub to Calscience
---------------------------------------	---	-------------------------------------

Containers Supplied:

- 2 oz jar (INE0031-04H)
- 2 oz jar (INE0031-04I)
- 2 oz jar (INE0031-04J)
- 2 oz jar (INE0031-04K)
- 2 oz jar (INE0031-04L)
- 2 oz jar (INE0031-04M)
- 2 oz jar (INE0031-04N)

Sample ID: INE0031-05 Organic Lead	Soil Sampled: 05/03/04 12:01 05/17/04 12:01	Composite of 3 Sub to Calscience
---------------------------------------	---	-------------------------------------

Containers Supplied:

- 2 oz jar (INE0031-05D)
- 2 oz jar (INE0031-05E)
- 2 oz jar (INE0031-05F)

Sample ID: INE0031-08 Organic Lead	Soil Sampled: 05/03/04 14:40 05/17/04 14:40	Composite of 4 Sub to Calscience
---------------------------------------	---	-------------------------------------

Containers Supplied:

- 2 oz jar (INE0031-08E)
- 2 oz jar (INE0031-08F)
- 2 oz jar (INE0031-08G)
- 2 oz jar (INE0031-08H)

SAMPLE INTEGRITY:					
All containers intact:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Sample labels/COC agree:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Custody Seals Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Samples Preserved Properly:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
			Samples Received On Ice::	<input type="checkbox"/> Yes	<input type="checkbox"/> No
			Samples Received at (temp):	_____	

	5/14/04				
Released By	Date	Time	Received By	Date	Time

Released By	Date	Time	Received By	Date	Time
-------------	------	------	-------------	------	------



2852 Alton Ave., Irvine, CA 92626 Ph (949) 261-1022 Fax (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851
 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0031

SENDING LABORATORY:

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

RECEIVING LABORATORY:

Sequoia Analytical-Morgan Hill
 885 Jarvis Drive
 Morgan Hill, CA 95037
 Phone : (408) 776-9600
 Fax: (408) 782-6308

Work Order Comments: Please charge \$80 for 8081-Pesticides and \$70 for 8082-PCBs. Prices include cleanup fees.

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

Analysis	Expiration	Comments
Sample ID: INE0031-04 Soil	Sampled: 05/03/04 09:27	Composite of 7
8081A - Pesticides	05/17/04 09:27	Sub to Seq-MH
8082 - PCBs	05/17/04 09:27	Sub to Seq-MH

Containers Supplied:

- 4 oz Jar (INE0031-04O)
- 4 oz Jar (INE0031-04P)
- 4 oz Jar (INE0031-04Q)
- 4 oz Jar (INE0031-04R)
- 4 oz Jar (INE0031-04S)
- 4 oz Jar (INE0031-04T)
- 4 oz Jar (INE0031-04U)

Sample ID: INE0031-05 Soil	Sampled: 05/03/04 12:01	Composite of 3
8081A - Pesticides	05/17/04 12:01	Sub to Seq-MH
8082 - PCBs	05/17/04 12:01	Sub to Seq-MH

Containers Supplied:

- 4 oz Jar (INE0031-05G)
- 4 oz Jar (INE0031-05H)
- 4 oz Jar (INE0031-05I)

Sample ID: INE0031-08 Soil	Sampled: 05/03/04 14:40	Composite of 4
8081A - Pesticides	05/17/04 14:40	Sub to Seq-MH
8082 - PCBs	05/17/04 14:40	Sub to Seq-MH

Containers Supplied:

- 4 oz Jar (INE0031-08I)
- 4 oz Jar (INE0031-08J)
- 4 oz Jar (INE0031-08K)
- 4 oz Jar (INE0031-08L)

5/4/04
 Released By _____ Date _____ Time _____ Received By _____ Date _____ Time _____

Released By _____ Date _____ Time _____ Received By _____ Date _____ Time _____



2852 Alton Ave., Irvine, CA 92626 Ph (949) 261-1022 Fax (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851
 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0031

SAMPLE INTEGRITY:

All containers intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Sample labels/COC agree: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Received On Ice:: <input type="checkbox"/> Yes <input type="checkbox"/> No
Custody Seals Present: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Preserved Properly: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Received at (temp): _____

<i>Jim [Signature]</i>	<i>5/4/09</i>		
Released By	Date	Time	Received By
			Date
			Time

Released By	Date	Time	Received By
			Date
			Time