



LABORATORY REPORT

Prepared For: Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project: Ascon Landfill Site

Sampled: 12/13/04
 Received: 12/13/04
 Issued: 12/30/04 10:15

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
INL0925-01	PNL-L5B-ETS-1	Sludge
INL0925-02	PNL-BA6-ETS-1	Sludge
INL0925-03	PNL-03-ETS-1	Soil
INL0925-04	PNL-L4A-ETS-1	Sludge

Reviewed By:

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

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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: INL0925-01 (PNL-L5B-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4L15082	3800	86000	50	12/15/2004	12/15/2004	
Sample ID: INL0925-02 (PNL-BA6-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4L15082	750	35000	10	12/15/2004	12/15/2004	
Sample ID: INL0925-03 (PNL-03-ETS-1 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4L15082	75	19000	1	12/15/2004	12/15/2004	
Sample ID: INL0925-04 (PNL-L4A-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4L15082	3800	290000	50	12/15/2004	12/15/2004	

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INL0925-01 (PNL-L5B-ETS-1 - Sludge)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4L15071	3000	4400	600	12/15/2004	12/15/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4L15071	3000	34000	600	12/15/2004	12/15/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4L15071	3000	39000	600	12/15/2004	12/15/2004	
Surrogate: n-Octacosane (40-130%)				905 %				Z3
Sample ID: INL0925-02 (PNL-BA6-ETS-1 - Sludge)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4L15071	600	2100	120	12/15/2004	12/16/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4L15071	600	13000	120	12/15/2004	12/16/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4L15071	600	15000	120	12/15/2004	12/16/2004	
Surrogate: n-Octacosane (40-130%)				376 %				Z3
Sample ID: INL0925-03 (PNL-03-ETS-1 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4L15071	600	1100	120	12/15/2004	12/16/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4L15071	600	7300	120	12/15/2004	12/16/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4L15071	600	8400	120	12/15/2004	12/16/2004	
Surrogate: n-Octacosane (40-130%)				264 %				Z3
Sample ID: INL0925-04 (PNL-L4A-ETS-1 - Sludge)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4L15071	3000	ND	600	12/15/2004	12/15/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4L15071	3000	42000	600	12/15/2004	12/15/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4L15071	3000	44000	600	12/15/2004	12/15/2004	
Surrogate: n-Octacosane (40-130%)				535 %				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: INL0925-01 (PNL-L5B-ETS-1 - Sludge)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Bromobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Bromochloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Bromodichloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Bromoform	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Bromomethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
n-Butylbenzene	EPA 8260B	4L18011	250	730	100	12/18/2004	12/21/2004	
sec-Butylbenzene	EPA 8260B	4L18011	250	1100	100	12/18/2004	12/21/2004	
tert-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Carbon tetrachloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Chlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Chloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Chloroform	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Chloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
2-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
4-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Dibromochloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Dibromomethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,2-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,3-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,4-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Dichlorodifluoromethane	EPA 8260B	4L18011	200	ND	100	12/18/2004	12/21/2004	
1,1-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,2-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,1-Dichloroethene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
cis-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
trans-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,3-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
2,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,1-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
cis-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
trans-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Ethylbenzene	EPA 8260B	4L18011	100	2100	100	12/18/2004	12/21/2004	
Hexachlorobutadiene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
Isopropylbenzene	EPA 8260B	4L18011	100	4700	100	12/18/2004	12/21/2004	
p-Isopropyltoluene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Methylene chloride	EPA 8260B	4L18011	1000	ND	100	12/18/2004	12/21/2004	
Naphthalene	EPA 8260B	4L18011	250	2300	100	12/18/2004	12/21/2004	

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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: INL0925-01 (PNL-L5B-ETS-1 - Sludge) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4L18011	100	2300	100	12/18/2004	12/21/2004	
Styrene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Tetrachloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Toluene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
1,1,1-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,1,2-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Trichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Trichlorofluoromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
1,2,3-Trichloropropane	EPA 8260B	4L18011	500	ND	100	12/18/2004	12/21/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
Vinyl chloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/21/2004	
o-Xylene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
m,p-Xylenes	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/21/2004	
<i>Surrogate: Dibromofluoromethane (55-155%)</i>				90 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				76 %				
<i>Surrogate: 4-Bromofluorobenzene (60-155%)</i>				67 %				

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INL0925-02 (PNL-BA6-ETS-1 - Sludge)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4L18011	100	120	100	12/18/2004	12/18/2004	
Bromobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromochloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromodichloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Bromoform	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromomethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
n-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
sec-Butylbenzene	EPA 8260B	4L18011	250	770	100	12/18/2004	12/18/2004	
tert-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Carbon tetrachloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Chlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Chloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Chloroform	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Chloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
2-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
4-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Dibromochloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Dibromomethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Dichlorodifluoromethane	EPA 8260B	4L18011	200	ND	100	12/18/2004	12/18/2004	
1,1-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1-Dichloroethene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,3-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
2,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Ethylbenzene	EPA 8260B	4L18011	100	2000	100	12/18/2004	12/18/2004	
Hexachlorobutadiene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Isopropylbenzene	EPA 8260B	4L18011	100	1200	100	12/18/2004	12/18/2004	
p-Isopropyltoluene	EPA 8260B	4L18011	100	800	100	12/18/2004	12/18/2004	
Methylene chloride	EPA 8260B	4L18011	1000	ND	100	12/18/2004	12/18/2004	
Naphthalene	EPA 8260B	4L18011	250	2700	100	12/18/2004	12/18/2004	

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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: INL0925-02 (PNL-BA6-ETS-1 - Sludge) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4L18011	100	1600	100	12/18/2004	12/18/2004	
Styrene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Tetrachloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Toluene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Trichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Trichlorofluoromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4L18011	500	ND	100	12/18/2004	12/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4L18011	100	1900	100	12/18/2004	12/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4L18011	100	480	100	12/18/2004	12/18/2004	
Vinyl chloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
o-Xylene	EPA 8260B	4L18011	100	230	100	12/18/2004	12/18/2004	
m,p-Xylenes	EPA 8260B	4L18011	100	290	100	12/18/2004	12/18/2004	
<i>Surrogate: Dibromofluoromethane (55-155%)</i>				114 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				120 %				
<i>Surrogate: 4-Bromofluorobenzene (60-155%)</i>				116 %				

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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: INL0925-03 (PNL-03-ETS-1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Bromobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromochloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromodichloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Bromoform	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Bromomethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
n-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
sec-Butylbenzene	EPA 8260B	4L18011	250	280	100	12/18/2004	12/18/2004	
tert-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Carbon tetrachloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Chlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Chloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Chloroform	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Chloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
2-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
4-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Dibromochloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Dibromomethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Dichlorodifluoromethane	EPA 8260B	4L18011	200	ND	100	12/18/2004	12/18/2004	
1,1-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1-Dichloroethene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,3-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
2,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Ethylbenzene	EPA 8260B	4L18011	100	180	100	12/18/2004	12/18/2004	
Hexachlorobutadiene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
Isopropylbenzene	EPA 8260B	4L18011	100	280	100	12/18/2004	12/18/2004	
p-Isopropyltoluene	EPA 8260B	4L18011	100	500	100	12/18/2004	12/18/2004	
Methylene chloride	EPA 8260B	4L18011	1000	ND	100	12/18/2004	12/18/2004	
Naphthalene	EPA 8260B	4L18011	250	740	100	12/18/2004	12/18/2004	

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Report Number: INL0925

Sampled: 12/13/04
 Received: 12/13/04

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: INL0925-03 (PNL-03-ETS-1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4L18011	100	440	100	12/18/2004	12/18/2004	
Styrene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Tetrachloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Toluene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Trichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
Trichlorofluoromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4L18011	500	ND	100	12/18/2004	12/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4L18011	100	990	100	12/18/2004	12/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4L18011	100	450	100	12/18/2004	12/18/2004	
Vinyl chloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/18/2004	
o-Xylene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/18/2004	
m,p-Xylenes	EPA 8260B	4L18011	100	150	100	12/18/2004	12/18/2004	
<i>Surrogate: Dibromofluoromethane (55-155%)</i>				<i>120 %</i>				
<i>Surrogate: Toluene-d8 (60-160%)</i>				<i>125 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (60-155%)</i>				<i>121 %</i>				

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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: INL0925-04 (PNL-L4A-ETS-1 - Sludge)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4L18011	100	110	100	12/18/2004	12/23/2004	
Bromobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Bromochloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Bromodichloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Bromoform	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Bromomethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
n-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
sec-Butylbenzene	EPA 8260B	4L18011	250	400	100	12/18/2004	12/23/2004	
tert-Butylbenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Carbon tetrachloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Chlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Chloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Chloroform	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Chloromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
2-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
4-Chlorotoluene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Dibromochloromethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Dibromomethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Dichlorodifluoromethane	EPA 8260B	4L18011	200	ND	100	12/18/2004	12/23/2004	
1,1-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,2-Dichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,1-Dichloroethene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,3-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
2,2-Dichloropropane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,1-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Ethylbenzene	EPA 8260B	4L18011	100	880	100	12/18/2004	12/23/2004	
Hexachlorobutadiene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
Isopropylbenzene	EPA 8260B	4L18011	100	570	100	12/18/2004	12/23/2004	
p-Isopropyltoluene	EPA 8260B	4L18011	100	420	100	12/18/2004	12/23/2004	
Methylene chloride	EPA 8260B	4L18011	1000	ND	100	12/18/2004	12/23/2004	
Naphthalene	EPA 8260B	4L18011	250	2400	100	12/18/2004	12/23/2004	

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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: INL0925-04 (PNL-L4A-ETS-1 - Sludge) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4L18011	100	870	100	12/18/2004	12/23/2004	
Styrene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Tetrachloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Toluene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Trichloroethene	EPA 8260B	4L18011	100	ND	100	12/18/2004	12/23/2004	
Trichlorofluoromethane	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4L18011	500	ND	100	12/18/2004	12/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4L18011	100	1800	100	12/18/2004	12/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4L18011	100	580	100	12/18/2004	12/23/2004	
Vinyl chloride	EPA 8260B	4L18011	250	ND	100	12/18/2004	12/23/2004	
o-Xylene	EPA 8260B	4L18011	100	380	100	12/18/2004	12/23/2004	
m,p-Xylenes	EPA 8260B	4L18011	100	700	100	12/18/2004	12/23/2004	
<i>Surrogate: Dibromofluoromethane (55-155%)</i>				55 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				40 %				A-01, Z
<i>Surrogate: 4-Bromofluorobenzene (60-155%)</i>				35 %				A-01, Z

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INL0925-01 (PNL-L5B-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	4L14097	1.0	57	1.06	12/14/2004	12/15/2004	
Sample ID: INL0925-02 (PNL-BA6-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	4L14097	1.0	20	1	12/14/2004	12/15/2004	
Sample ID: INL0925-03 (PNL-03-ETS-1 - Soil)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	4L14097	1.0	23	1.06	12/14/2004	12/15/2004	
Sample ID: INL0925-04 (PNL-L4A-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	4L14097	1.0	46	1.06	12/14/2004	12/15/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INL0925-01 (PNL-L5B-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4L20083	0.20	ND	1	12/20/2004	12/20/2004	M2
Sample ID: INL0925-02 (PNL-BA6-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4L20083	0.20	ND	1	12/20/2004	12/20/2004	
Sample ID: INL0925-03 (PNL-03-ETS-1 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4L20083	0.20	ND	1	12/20/2004	12/20/2004	
Sample ID: INL0925-04 (PNL-L4A-ETS-1 - Sludge)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4L20083	0.20	ND	1	12/20/2004	12/20/2004	

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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: 4L15082 Extracted: 12/15/04										
Blank Analyzed: 12/15/2004 (4L15082-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 12/15/2004 (4L15082-BS1)										
Total Recoverable Hydrocarbons	18.3	5.0	mg/kg	20.0		92	55-130			
Matrix Spike Analyzed: 12/15/2004 (4L15082-MS1)										
Total Recoverable Hydrocarbons	193000	3000	mg/kg	120	220000	-22500	35-130			M-HA
Matrix Spike Dup Analyzed: 12/15/2004 (4L15082-MSD1)										
Total Recoverable Hydrocarbons	192000	3000	mg/kg	120	220000	-23300	35-130	1	25	M-HA

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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L15071 Extracted: 12/15/04										
Blank Analyzed: 12/15/2004 (4L15071-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	5.14		mg/kg	6.67		77	40-130			
LCS Analyzed: 12/15/2004 (4L15071-BS1)										
EFH (C6 - C40)	27.8	5.0	mg/kg	33.3		83	40-120			
Surrogate: n-Octacosane	4.78		mg/kg	6.67		72	40-130			
Matrix Spike Analyzed: 12/15/2004 (4L15071-MS1)										
					Source: INL1029-01					
EFH (C6 - C40)	29.6	5.0	mg/kg	33.3	ND	89	30-125			
Surrogate: n-Octacosane	5.03		mg/kg	6.67		75	40-130			
Matrix Spike Dup Analyzed: 12/15/2004 (4L15071-MSD1)										
					Source: INL1029-01					
EFH (C6 - C40)	26.2	5.0	mg/kg	33.3	ND	79	30-125	12	30	
Surrogate: n-Octacosane	4.72		mg/kg	6.67		71	40-130			

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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: 4L18011 Extracted: 12/18/04										
Blank Analyzed: 12/18/2004 (4L18011-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	200	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: 4L18011 Extracted: 12/18/04										
Blank Analyzed: 12/18/2004 (4L18011-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	2550		ug/kg	2500		102	55-155			
Surrogate: Toluene-d8	2200		ug/kg	2500		88	60-160			
Surrogate: 4-Bromofluorobenzene	2580		ug/kg	2500		103	60-155			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
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 Brea, CA 92821
 Attention: David Tietje

Project ID: Ascon Landfill Site

Report Number: INL0925

Sampled: 12/13/04
 Received: 12/13/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L18011 Extracted: 12/18/04										
LCS Analyzed: 12/19/2004 (4L18011-BS1)										
Benzene	2740	100	ug/kg	2500		110	75-120			
Bromobenzene	2720	250	ug/kg	2500		109	80-120			
Bromochloromethane	2950	250	ug/kg	2500		118	65-135			
Bromodichloromethane	2810	100	ug/kg	2500		112	70-140			
Bromoform	2300	250	ug/kg	2500		92	60-130			
Bromomethane	2480	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2650	250	ug/kg	2500		106	80-130			
sec-Butylbenzene	2680	250	ug/kg	2500		107	75-125			
tert-Butylbenzene	2670	250	ug/kg	2500		107	80-125			
Carbon tetrachloride	2790	250	ug/kg	2500		112	70-140			
Chlorobenzene	2870	100	ug/kg	2500		115	80-125			
Chloroethane	2150	250	ug/kg	2500		86	35-145			
Chloroform	2820	100	ug/kg	2500		113	75-125			
Chloromethane	2510	250	ug/kg	2500		100	30-145			
2-Chlorotoluene	2560	250	ug/kg	2500		102	75-125			
4-Chlorotoluene	2600	250	ug/kg	2500		104	80-125			
Dibromochloromethane	2870	100	ug/kg	2500		115	65-145			
1,2-Dibromo-3-chloropropane	1950	250	ug/kg	2500		78	45-135			
1,2-Dibromoethane (EDB)	2680	100	ug/kg	2500		107	75-130			
Dibromomethane	2730	100	ug/kg	2500		109	75-135			
1,2-Dichlorobenzene	2680	100	ug/kg	2500		107	80-120			
1,3-Dichlorobenzene	2690	100	ug/kg	2500		108	80-120			
1,4-Dichlorobenzene	2750	100	ug/kg	2500		110	80-120			
Dichlorodifluoromethane	2200	200	ug/kg	2500		88	10-160			
1,1-Dichloroethane	2700	100	ug/kg	2500		108	70-135			
1,2-Dichloroethane	2640	100	ug/kg	2500		106	60-150			
1,1-Dichloroethene	2900	250	ug/kg	2500		116	80-140			
cis-1,2-Dichloroethene	2900	100	ug/kg	2500		116	70-130			
trans-1,2-Dichloroethene	2940	100	ug/kg	2500		118	70-130			
1,2-Dichloropropane	2780	100	ug/kg	2500		111	75-125			
1,3-Dichloropropane	2670	100	ug/kg	2500		107	75-130			
2,2-Dichloropropane	2630	100	ug/kg	2500		105	65-150			
1,1-Dichloropropene	2810	100	ug/kg	2500		112	75-130			
cis-1,3-Dichloropropene	2780	100	ug/kg	2500		111	75-130			
trans-1,3-Dichloropropene	2660	100	ug/kg	2500		106	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: 4L18011 Extracted: 12/18/04										
LCS Analyzed: 12/19/2004 (4L18011-BS1)										
Ethylbenzene	2830	100	ug/kg	2500		113	80-120			
Hexachlorobutadiene	2510	250	ug/kg	2500		100	75-140			
Isopropylbenzene	2720	100	ug/kg	2500		109	75-125			
p-Isopropyltoluene	2620	100	ug/kg	2500		105	80-125			
Methylene chloride	2880	1000	ug/kg	2500		115	60-145			
Naphthalene	2240	250	ug/kg	2500		90	50-145			
n-Propylbenzene	2640	100	ug/kg	2500		106	75-130			
Styrene	2870	100	ug/kg	2500		115	80-135			
1,1,1,2-Tetrachloroethane	2920	250	ug/kg	2500		117	70-145			
1,1,2,2-Tetrachloroethane	2660	100	ug/kg	2500		106	55-135			
Tetrachloroethene	2880	100	ug/kg	2500		115	80-125			
Toluene	2840	100	ug/kg	2500		114	80-120			
1,2,3-Trichlorobenzene	2550	250	ug/kg	2500		102	65-135			
1,2,4-Trichlorobenzene	2650	250	ug/kg	2500		106	70-140			
1,1,1-Trichloroethane	2800	100	ug/kg	2500		112	75-140			
1,1,2-Trichloroethane	2700	100	ug/kg	2500		108	70-130			
Trichloroethene	2770	100	ug/kg	2500		111	80-130			
Trichlorofluoromethane	3020	250	ug/kg	2500		121	55-145			
1,2,3-Trichloropropane	2280	500	ug/kg	2500		91	60-130			
1,2,4-Trimethylbenzene	2640	100	ug/kg	2500		106	80-125			
1,3,5-Trimethylbenzene	2660	100	ug/kg	2500		106	80-125			
Vinyl chloride	603	250	ug/kg	2500		24	10-120			
o-Xylene	2840	100	ug/kg	2500		114	80-125			
m,p-Xylenes	5800	100	ug/kg	5000		116	80-120			
Surrogate: Dibromofluoromethane	2450		ug/kg	2500		98	55-155			
Surrogate: Toluene-d8	2290		ug/kg	2500		92	60-160			
Surrogate: 4-Bromofluorobenzene	2480		ug/kg	2500		99	60-155			

Del Mar Analytical, Irvine
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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L18011 Extracted: 12/18/04										
LCS Dup Analyzed: 12/19/2004 (4L18011-BSD1)										
Benzene	2790	100	ug/kg	2500		112	75-120	2	20	
Bromobenzene	2820	250	ug/kg	2500		113	80-120	4	20	
Bromochloromethane	3090	250	ug/kg	2500		124	65-135	5	20	
Bromodichloromethane	2890	100	ug/kg	2500		116	70-140	3	20	
Bromoform	2570	250	ug/kg	2500		103	60-130	11	25	
Bromomethane	2380	250	ug/kg	2500		95	30-140	4	30	
n-Butylbenzene	2700	250	ug/kg	2500		108	80-130	2	20	
sec-Butylbenzene	2720	250	ug/kg	2500		109	75-125	1	20	
tert-Butylbenzene	2720	250	ug/kg	2500		109	80-125	2	20	
Carbon tetrachloride	2870	250	ug/kg	2500		115	70-140	3	20	
Chlorobenzene	2890	100	ug/kg	2500		116	80-125	1	20	
Chloroethane	2000	250	ug/kg	2500		80	35-145	7	25	
Chloroform	2860	100	ug/kg	2500		114	75-125	1	20	
Chloromethane	2540	250	ug/kg	2500		102	30-145	1	25	
2-Chlorotoluene	2610	250	ug/kg	2500		104	75-125	2	20	
4-Chlorotoluene	2630	250	ug/kg	2500		105	80-125	1	20	
Dibromochloromethane	3010	100	ug/kg	2500		120	65-145	5	20	
1,2-Dibromo-3-chloropropane	2290	250	ug/kg	2500		92	45-135	16	25	
1,2-Dibromoethane (EDB)	2920	100	ug/kg	2500		117	75-130	9	20	
Dibromomethane	2940	100	ug/kg	2500		118	75-135	7	20	
1,2-Dichlorobenzene	2780	100	ug/kg	2500		111	80-120	4	20	
1,3-Dichlorobenzene	2760	100	ug/kg	2500		110	80-120	3	20	
1,4-Dichlorobenzene	2800	100	ug/kg	2500		112	80-120	2	20	
Dichlorodifluoromethane	2150	200	ug/kg	2500		86	10-160	2	30	
1,1-Dichloroethane	2750	100	ug/kg	2500		110	70-135	2	20	
1,2-Dichloroethane	2800	100	ug/kg	2500		112	60-150	6	20	
1,1-Dichloroethene	2920	250	ug/kg	2500		117	80-140	1	20	
cis-1,2-Dichloroethene	2970	100	ug/kg	2500		119	70-130	2	20	
trans-1,2-Dichloroethene	3010	100	ug/kg	2500		120	70-130	2	20	
1,2-Dichloropropane	2840	100	ug/kg	2500		114	75-125	2	20	
1,3-Dichloropropane	2810	100	ug/kg	2500		112	75-130	5	20	
2,2-Dichloropropane	2580	100	ug/kg	2500		103	65-150	2	25	
1,1-Dichloropropene	2880	100	ug/kg	2500		115	75-130	2	20	
cis-1,3-Dichloropropene	2860	100	ug/kg	2500		114	75-130	3	20	
trans-1,3-Dichloropropene	2820	100	ug/kg	2500		113	75-135	6	20	

Del Mar Analytical, Irvine
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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L18011 Extracted: 12/18/04										
LCS Dup Analyzed: 12/19/2004 (4L18011-BSD1)										
Ethylbenzene	2860	100	ug/kg	2500		114	80-120	1	20	
Hexachlorobutadiene	2560	250	ug/kg	2500		102	75-140	2	20	
Isopropylbenzene	2740	100	ug/kg	2500		110	75-125	1	20	
p-Isopropyltoluene	2670	100	ug/kg	2500		107	80-125	2	20	
Methylene chloride	2980	1000	ug/kg	2500		119	60-145	3	20	
Naphthalene	2530	250	ug/kg	2500		101	50-145	12	25	
n-Propylbenzene	2680	100	ug/kg	2500		107	75-130	2	20	
Styrene	2910	100	ug/kg	2500		116	80-135	1	20	
1,1,1,2-Tetrachloroethane	3010	250	ug/kg	2500		120	70-145	3	20	
1,1,2,2-Tetrachloroethane	2970	100	ug/kg	2500		119	55-135	11	25	
Tetrachloroethene	2920	100	ug/kg	2500		117	80-125	1	20	
Toluene	2890	100	ug/kg	2500		116	80-120	2	20	
1,2,3-Trichlorobenzene	2700	250	ug/kg	2500		108	65-135	6	20	
1,2,4-Trichlorobenzene	2750	250	ug/kg	2500		110	70-140	4	20	
1,1,1-Trichloroethane	2870	100	ug/kg	2500		115	75-140	2	20	
1,1,2-Trichloroethane	2950	100	ug/kg	2500		118	70-130	9	20	
Trichloroethene	2860	100	ug/kg	2500		114	80-130	3	20	
Trichlorofluoromethane	3080	250	ug/kg	2500		123	55-145	2	25	
1,2,3-Trichloropropane	2610	500	ug/kg	2500		104	60-130	13	25	
1,2,4-Trimethylbenzene	2690	100	ug/kg	2500		108	80-125	2	20	
1,3,5-Trimethylbenzene	2710	100	ug/kg	2500		108	80-125	2	20	
Vinyl chloride	538	250	ug/kg	2500		22	10-120	11	30	
o-Xylene	2880	100	ug/kg	2500		115	80-125	1	20	
m,p-Xylenes	5840	100	ug/kg	5000		117	80-120	1	20	
Surrogate: Dibromofluoromethane	2430		ug/kg	2500		97	55-155			
Surrogate: Toluene-d8	2300		ug/kg	2500		92	60-160			
Surrogate: 4-Bromofluorobenzene	2490		ug/kg	2500		100	60-155			

Del Mar Analytical, Irvine
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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4L18011 Extracted: 12/18/04										
Matrix Spike Analyzed: 12/22/2004 (4L18011-MS1)					Source: INL1108-09					
Benzene	3310	100	ug/kg	2500	830	99	60-140			
Bromobenzene	2200	250	ug/kg	2500	ND	88	65-135			
Bromochloromethane	2530	250	ug/kg	2500	ND	101	65-145			
Bromodichloromethane	2030	100	ug/kg	2500	ND	81	65-150			
Bromoform	1440	250	ug/kg	2500	ND	58	60-150			M2
Bromomethane	1550	250	ug/kg	2500	ND	62	30-155			
n-Butylbenzene	2120	250	ug/kg	2500	ND	85	60-155			
sec-Butylbenzene	2060	250	ug/kg	2500	ND	82	60-150			
tert-Butylbenzene	2060	250	ug/kg	2500	ND	82	60-155			
Carbon tetrachloride	1050	250	ug/kg	2500	ND	42	70-145			M2
Chlorobenzene	2230	100	ug/kg	2500	ND	89	70-145			
Chloroethane	1650	250	ug/kg	2500	ND	66	30-165			
Chloroform	2770	100	ug/kg	2500	ND	111	60-140			
Chloromethane	1480	250	ug/kg	2500	ND	59	25-155			
2-Chlorotoluene	2090	250	ug/kg	2500	ND	84	60-145			
4-Chlorotoluene	2120	250	ug/kg	2500	ND	85	70-140			
Dibromochloromethane	1740	100	ug/kg	2500	ND	70	60-155			
1,2-Dibromo-3-chloropropane	1860	250	ug/kg	2500	ND	74	45-155			
1,2-Dibromoethane (EDB)	2110	100	ug/kg	2500	ND	84	70-145			
Dibromomethane	2320	100	ug/kg	2500	ND	93	70-140			
1,2-Dichlorobenzene	2180	100	ug/kg	2500	ND	87	65-135			
1,3-Dichlorobenzene	2130	100	ug/kg	2500	ND	85	60-150			
1,4-Dichlorobenzene	2190	100	ug/kg	2500	ND	88	60-145			
Dichlorodifluoromethane	865	200	ug/kg	2500	ND	35	10-160			
1,1-Dichloroethane	2360	100	ug/kg	2500	ND	94	60-150			
1,2-Dichloroethane	2330	100	ug/kg	2500	ND	93	60-150			
1,1-Dichloroethene	2100	250	ug/kg	2500	ND	84	60-160			
cis-1,2-Dichloroethene	2430	100	ug/kg	2500	ND	97	60-135			
trans-1,2-Dichloroethene	2310	100	ug/kg	2500	ND	92	55-150			
1,2-Dichloropropane	2320	100	ug/kg	2500	ND	93	65-140			
1,3-Dichloropropane	2140	100	ug/kg	2500	ND	86	70-135			
2,2-Dichloropropane	1480	100	ug/kg	2500	ND	59	55-155			
1,1-Dichloropropene	2120	100	ug/kg	2500	ND	85	60-145			
cis-1,3-Dichloropropene	2070	100	ug/kg	2500	ND	83	60-140			
trans-1,3-Dichloropropene	2060	100	ug/kg	2500	ND	82	60-155			

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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: 4L18011 Extracted: 12/18/04										
Matrix Spike Analyzed: 12/22/2004 (4L18011-MS1)					Source: INL1108-09					
Ethylbenzene	2850	100	ug/kg	2500	530	93	55-145			
Hexachlorobutadiene	1940	250	ug/kg	2500	ND	78	60-150			
Isopropylbenzene	2080	100	ug/kg	2500	35	82	60-145			
p-Isopropyltoluene	2020	100	ug/kg	2500	ND	81	55-145			
Methylene chloride	2620	1000	ug/kg	2500	ND	105	55-150			
Naphthalene	2610	250	ug/kg	2500	640	79	30-165			
n-Propylbenzene	2280	100	ug/kg	2500	140	86	55-150			
Styrene	2200	100	ug/kg	2500	ND	88	65-150			
1,1,1,2-Tetrachloroethane	2220	250	ug/kg	2500	ND	89	65-150			
1,1,2,2-Tetrachloroethane	1790	100	ug/kg	2500	ND	72	55-150			
Tetrachloroethene	2020	100	ug/kg	2500	150	75	65-150			
Toluene	4810	100	ug/kg	2500	2100	108	55-145			
1,2,3-Trichlorobenzene	2140	250	ug/kg	2500	ND	86	50-145			
1,2,4-Trichlorobenzene	2120	250	ug/kg	2500	ND	85	60-145			
1,1,1-Trichloroethane	2220	100	ug/kg	2500	ND	89	65-145			
1,1,2-Trichloroethane	2350	100	ug/kg	2500	ND	94	65-145			
Trichloroethene	2450	100	ug/kg	2500	970	59	70-145			M2
Trichlorofluoromethane	1860	250	ug/kg	2500	ND	74	35-160			
1,2,3-Trichloropropane	1960	500	ug/kg	2500	ND	78	50-150			
1,2,4-Trimethylbenzene	3320	100	ug/kg	2500	1100	89	65-140			
1,3,5-Trimethylbenzene	2390	100	ug/kg	2500	280	84	65-140			
Vinyl chloride	799	250	ug/kg	2500	ND	32	10-120			
o-Xylene	3310	100	ug/kg	2500	940	95	60-145			
m,p-Xylenes	6660	100	ug/kg	5000	2100	91	60-145			
Surrogate: Dibromofluoromethane	1780		ug/kg	2500		71	55-155			
Surrogate: Toluene-d8	1560		ug/kg	2500		62	60-160			
Surrogate: 4-Bromofluorobenzene	1900		ug/kg	2500		76	60-155			

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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: 4L18011 Extracted: 12/18/04										
Matrix Spike Dup Analyzed: 12/21/2004 (4L18011-MSD1)					Source: INL1108-09					
Benzene	2550	100	ug/kg	2500	830	69	60-140	26	25	R
Bromobenzene	1970	250	ug/kg	2500	ND	79	65-135	11	25	
Bromochloromethane	1850	250	ug/kg	2500	ND	74	65-145	31	25	R
Bromodichloromethane	1580	100	ug/kg	2500	ND	63	65-150	25	25	M2
Bromoform	1240	250	ug/kg	2500	ND	50	60-150	15	30	M2
Bromomethane	1130	250	ug/kg	2500	ND	45	30-155	31	30	R
n-Butylbenzene	2130	250	ug/kg	2500	ND	85	60-155	1	25	
sec-Butylbenzene	2100	250	ug/kg	2500	ND	84	60-150	2	25	
tert-Butylbenzene	2050	250	ug/kg	2500	ND	82	60-155	1	20	
Carbon tetrachloride	1050	250	ug/kg	2500	ND	42	70-145	0	20	M2
Chlorobenzene	1880	100	ug/kg	2500	ND	75	70-145	17	25	
Chloroethane	1300	250	ug/kg	2500	ND	52	30-165	24	25	
Chloroform	2010	100	ug/kg	2500	ND	80	60-140	32	25	R
Chloromethane	1360	250	ug/kg	2500	ND	54	25-155	8	25	
2-Chlorotoluene	2020	250	ug/kg	2500	ND	81	60-145	3	25	
4-Chlorotoluene	2040	250	ug/kg	2500	ND	82	70-140	4	25	
Dibromochloromethane	1510	100	ug/kg	2500	ND	60	60-155	14	25	
1,2-Dibromo-3-chloropropane	1630	250	ug/kg	2500	ND	65	45-155	13	30	
1,2-Dibromoethane (EDB)	1830	100	ug/kg	2500	ND	73	70-145	14	25	
Dibromomethane	1810	100	ug/kg	2500	ND	72	70-140	25	25	
1,2-Dichlorobenzene	1920	100	ug/kg	2500	ND	77	65-135	13	20	
1,3-Dichlorobenzene	1920	100	ug/kg	2500	ND	77	60-150	10	25	
1,4-Dichlorobenzene	1940	100	ug/kg	2500	ND	78	60-145	12	25	
Dichlorodifluoromethane	856	200	ug/kg	2500	ND	34	10-160	1	30	
1,1-Dichloroethane	1860	100	ug/kg	2500	ND	74	60-150	24	25	
1,2-Dichloroethane	1820	100	ug/kg	2500	ND	73	60-150	25	25	
1,1-Dichloroethene	1760	250	ug/kg	2500	ND	70	60-160	18	20	
cis-1,2-Dichloroethene	1810	100	ug/kg	2500	ND	72	60-135	29	20	R
trans-1,2-Dichloroethene	1840	100	ug/kg	2500	ND	74	55-150	23	25	
1,2-Dichloropropane	1920	100	ug/kg	2500	ND	77	65-140	19	25	
1,3-Dichloropropane	1880	100	ug/kg	2500	ND	75	70-135	13	25	
2,2-Dichloropropane	1710	100	ug/kg	2500	ND	68	55-155	14	25	
1,1-Dichloropropene	1860	100	ug/kg	2500	ND	74	60-145	13	20	
cis-1,3-Dichloropropene	1820	100	ug/kg	2500	ND	73	60-140	13	20	
trans-1,3-Dichloropropene	1770	100	ug/kg	2500	ND	71	60-155	15	25	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: Ascon Landfill Site
 Report Number: INL0925

Sampled: 12/13/04
 Received: 12/13/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L18011 Extracted: 12/18/04										
Matrix Spike Dup Analyzed: 12/21/2004 (4L18011-MSD1)					Source: INL1108-09					
Ethylbenzene	2480	100	ug/kg	2500	530	78	55-145	14	25	
Hexachlorobutadiene	1790	250	ug/kg	2500	ND	72	60-150	8	25	
Isopropylbenzene	2140	100	ug/kg	2500	35	84	60-145	3	25	
p-Isopropyltoluene	2000	100	ug/kg	2500	ND	80	55-145	1	25	
Methylene chloride	1850	1000	ug/kg	2500	ND	74	55-150	34	25	R
Naphthalene	2250	250	ug/kg	2500	640	64	30-165	15	30	
n-Propylbenzene	2270	100	ug/kg	2500	140	85	55-150	0	25	
Styrene	1980	100	ug/kg	2500	ND	79	65-150	11	20	
1,1,1,2-Tetrachloroethane	1820	250	ug/kg	2500	ND	73	65-150	20	25	
1,1,2,2-Tetrachloroethane	1780	100	ug/kg	2500	ND	71	55-150	1	25	
Tetrachloroethene	1860	100	ug/kg	2500	150	68	65-150	8	20	
Toluene	3670	100	ug/kg	2500	2100	63	55-145	27	25	R
1,2,3-Trichlorobenzene	1750	250	ug/kg	2500	ND	70	50-145	20	25	
1,2,4-Trichlorobenzene	1830	250	ug/kg	2500	ND	73	60-145	15	20	
1,1,1-Trichloroethane	1830	100	ug/kg	2500	ND	73	65-145	19	25	
1,1,2-Trichloroethane	1790	100	ug/kg	2500	ND	72	65-145	27	25	R
Trichloroethene	1940	100	ug/kg	2500	970	39	70-145	23	25	M2
Trichlorofluoromethane	1560	250	ug/kg	2500	ND	62	35-160	18	30	
1,2,3-Trichloropropane	1840	500	ug/kg	2500	ND	74	50-150	6	30	
1,2,4-Trimethylbenzene	3100	100	ug/kg	2500	1100	80	65-140	7	20	
1,3,5-Trimethylbenzene	2340	100	ug/kg	2500	280	82	65-140	2	25	
Vinyl chloride	985	250	ug/kg	2500	ND	39	10-120	21	35	
o-Xylene	2740	100	ug/kg	2500	940	72	60-145	19	25	
m,p-Xylenes	5780	100	ug/kg	5000	2100	74	60-145	14	25	
Surrogate: Dibromofluoromethane	1880		ug/kg	2500		75	55-155			
Surrogate: Toluene-d8	2160		ug/kg	2500		86	60-160			
Surrogate: 4-Bromofluorobenzene	2030		ug/kg	2500		81	60-155			

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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: 4L14097 Extracted: 12/14/04										
Blank Analyzed: 12/15/2004 (4L14097-BLK1)										
Chromium	ND	1.0	mg/kg							
LCS Analyzed: 12/15/2004 (4L14097-BS1)										
Chromium	46.8	1.0	mg/kg	50.0		94	80-120			
Matrix Spike Analyzed: 12/15/2004 (4L14097-MS1)										
Chromium	93.4	3.0	mg/kg	50.0	49	89	75-125			
Matrix Spike Dup Analyzed: 12/15/2004 (4L14097-MSD1)										
Chromium	95.2	3.0	mg/kg	50.0	49	92	75-125	2	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4L20083 Extracted: 12/20/04										
Blank Analyzed: 12/20/2004 (4L20083-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 12/20/2004 (4L20083-BS1)										
Chromium VI	4.43	0.20	mg/kg	5.00		89	65-110			
Matrix Spike Analyzed: 12/20/2004 (4L20083-MS1)										
Chromium VI	0.0529	0.20	mg/kg	5.00	ND	1	55-110			M2
Matrix Spike Dup Analyzed: 12/20/2004 (4L20083-MSD1)										
Chromium VI	0.0289	0.20	mg/kg	5.00	ND	1	55-110	59	20	M2, R-3

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Report Number: INL0925

Sampled: 12/13/04
Received: 12/13/04

DATA QUALIFIERS AND DEFINITIONS

- A-01** S2,S3 low due to matrix interference. See GCMS#32, 12/22/04.
- 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).
- 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-3** The RPD exceeded the method control limit due to sample matrix effects.
- Z** Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- 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 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
Kathleen A. Robb
Project Manager



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Report Number: INL0925

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 418.1	Soil	X	X
EPA 6010B	Solid	X	X
EPA 7199	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil-extr	X	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.

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



17461 Derian, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
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 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

Client Name/Address: Project Navigator, Ltd. 1 Pointe Dr. Suite 300 Bran, CA 92521		P.O. #:		ANALYSIS REQUIRED INCL 0915		
Project Manager/Phone Number: David Tietje 714-388-1809		Project: Asun Landfill Site		DM = DRILLING MM =		
Sampler: David Tietje		Phone Number:		Total Cr by WWS		
Fax Number: 714-388-1831		Fax Number: 714-388-1831		Cr + 6 by 7199		
		VOCs by WWS		EPA/GEO by WWS		
		TRPH by AEL		Total Cr by WWS		
				VOCs by WWS		
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions
PNL - L5B - ETS - 1	DM	Glass jar	2	12/13/1515	NONE	
PNL - B46 - ETS - 1	DM	"	"	12/13/1530	NONE	
PNL - 03 - ETS - 1	Soil	"	"	12/13/1545	NONE	
PNL - L4A - ETS - 1	DM	"	"	12/13/1540	NONE	
PNL - L4B - ETS - 1						
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