



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: 05/17/04
Received: 05/17/04
Issued: 06/21/04 04:34

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report. This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.
HOLDING TIMES: Holding times were met.
PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
COMMENTS: No significant observations were made.
SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.
ADDITIONAL INFORMATION: This report is comprised of all analytical results.

LABORATORY ID
INE0965-01

CLIENT ID
PNL-TP01-Stockpile

MATRIX
Soil

Reviewed By:

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



Geosyntec Consultants/Project Navigator - Ascon
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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: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E18059	500	16000	100	5/18/2004	5/18/2004	

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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: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E18067	500	830	100	5/18/2004	5/26/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E18067	500	11000	100	5/18/2004	5/26/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E18067	500	12000	100	5/18/2004	5/26/2004	
Surrogate: n-Octacosane (50-125%)				401 %				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: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Bromobenzene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Bromochloromethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Bromodichloromethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Bromoform	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	M2
Bromomethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
n-Butylbenzene	EPA 8260B	4E18011	250	450	100	5/18/2004	5/19/2004	
sec-Butylbenzene	EPA 8260B	4E18011	250	450	100	5/18/2004	5/19/2004	
tert-Butylbenzene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Carbon tetrachloride	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Chlorobenzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Chloroethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Chloroform	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Chloromethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
2-Chlorotoluene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
4-Chlorotoluene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
Dibromochloromethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Dibromomethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,2-Dichlorobenzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,3-Dichlorobenzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,4-Dichlorobenzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Dichlorodifluoromethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,1-Dichloroethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,2-Dichloroethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,1-Dichloroethene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,2-Dichloropropane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,3-Dichloropropane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
2,2-Dichloropropane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,1-Dichloropropene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Ethylbenzene	EPA 8260B	4E18011	100	140	100	5/18/2004	5/19/2004	
Hexachlorobutadiene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	M2
Isopropylbenzene	EPA 8260B	4E18011	100	820	100	5/18/2004	5/19/2004	
p-Isopropyltoluene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Methylene chloride	EPA 8260B	4E18011	1000	ND	100	5/18/2004	5/19/2004	
Naphthalene	EPA 8260B	4E18011	250	16000	100	5/18/2004	5/19/2004	M-HA

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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: INE0965-01 (PNL-TP01-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E18011	100	880	100	5/18/2004	5/19/2004	
Styrene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Tetrachloroethene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Toluene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,1,1-Trichloroethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
1,1,2-Trichloroethane	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Trichloroethene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Trichlorofluoromethane	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
1,2,3-Trichloropropane	EPA 8260B	4E18011	500	ND	100	5/18/2004	5/19/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E18011	100	170	100	5/18/2004	5/19/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
Vinyl chloride	EPA 8260B	4E18011	250	ND	100	5/18/2004	5/19/2004	
o-Xylene	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
m,p-Xylenes	EPA 8260B	4E18011	100	ND	100	5/18/2004	5/19/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				<i>117 %</i>				
<i>Surrogate: Toluene-d8 (60-160%)</i>				<i>121 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				<i>123 %</i>				

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Acenaphthylene	EPA 8270C	4E19041	17000	22000	50	5/19/2004	5/21/2004	
Aniline	EPA 8270C	4E19041	21000	ND	50	5/19/2004	5/21/2004	
Anthracene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzidine	EPA 8270C	4E19041	33000	ND	50	5/19/2004	5/21/2004	
Benzoic acid	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
Benzo(a)anthracene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzo(b)fluoranthene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzo(k)fluoranthene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzo(a)pyrene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Benzyl alcohol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E19041	8400	ND	50	5/19/2004	5/21/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Butyl benzyl phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Chloroaniline	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2-Chloronaphthalene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2-Chlorophenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Chrysene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E19041	21000	ND	50	5/19/2004	5/21/2004	
Dibenzofuran	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Di-n-butyl phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
1,3-Dichlorobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
1,4-Dichlorobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
1,2-Dichlorobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
2,4-Dichlorophenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Diethyl phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2,4-Dimethylphenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Dimethyl phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E19041	21000	ND	50	5/19/2004	5/21/2004	
2,4-Dinitrophenol	EPA 8270C	4E19041	21000	ND	50	5/19/2004	5/21/2004	
2,4-Dinitrotoluene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2,6-Dinitrotoluene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Di-n-octyl phthalate	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Fluoranthene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E19041	17000	26000	50	5/19/2004	5/21/2004	
Hexachlorobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Hexachlorobutadiene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
Hexachloroethane	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E19041	17000	23000	50	5/19/2004	5/21/2004	
Isophorone	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2-Methylnaphthalene	EPA 8270C	4E19041	17000	58000	50	5/19/2004	5/21/2004	
2-Methylphenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Methylphenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Naphthalene	EPA 8270C	4E19041	17000	150000	50	5/19/2004	5/21/2004	
2-Nitroaniline	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
3-Nitroaniline	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Nitroaniline	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
Nitrobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2-Nitrophenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
4-Nitrophenol	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
N-Nitrosodiphenylamine	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4E19041	12000	ND	50	5/19/2004	5/21/2004	
Pentachlorophenol	EPA 8270C	4E19041	42000	ND	50	5/19/2004	5/21/2004	
Phenanthrene	EPA 8270C	4E19041	17000	55000	50	5/19/2004	5/21/2004	
Phenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Pyrene	EPA 8270C	4E19041	17000	17000	50	5/19/2004	5/21/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E19041	17000	ND	50	5/19/2004	5/21/2004	
Surrogate: 2-Fluorophenol (25-120%)				66 %				Z3
Surrogate: Phenol-d6 (30-120%)				71 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				71 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				136 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				76 %				Z3
Surrogate: Terphenyl-d14 (35-155%)				89 %				Z3

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
alpha-BHC	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
beta-BHC	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
delta-BHC	EPA 3545/8081A	4F10098	62	ND	6.25	5/20/2004	6/12/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Chlordane	EPA 3545/8081A	4F10098	310	ND	6.25	5/20/2004	6/12/2004	
4,4'-DDD	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	C-1
4,4'-DDE	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
4,4'-DDT	EPA 3545/8081A	4F10098	31	45	6.25	5/20/2004	6/12/2004	A-01a, C-2
Dieldrin	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Endosulfan I	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Endosulfan II	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Endosulfan sulfate	EPA 3545/8081A	4F10098	62	ND	6.25	5/20/2004	6/12/2004	C-2
Endrin	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	C-2
Endrin aldehyde	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Endrin ketone	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	C-2
Heptachlor	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	C-2
Heptachlor epoxide	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	
Methoxychlor	EPA 3545/8081A	4F10098	31	ND	6.25	5/20/2004	6/12/2004	C-2
Toxaphene	EPA 3545/8081A	4F10098	1200	ND	6.25	5/20/2004	6/12/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				665 %				ZX
<i>Surrogate: Decachlorobiphenyl (45-125%)</i>				11 %				Z3

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 SB0202/31
 Report Number: INE0965

Sampled: 05/17/04
 Received: 05/17/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E20076	10	ND	1	5/20/2004	5/21/2004	
Arsenic	EPA 6010B	4E20076	2.0	35	1	5/20/2004	5/21/2004	
Barium	EPA 6010B	4E20076	1.0	860	1	5/20/2004	5/21/2004	
Beryllium	EPA 6010B	4E20076	0.50	ND	1	5/20/2004	5/21/2004	
Cadmium	EPA 6010B	4E20076	0.50	0.66	1	5/20/2004	5/21/2004	
Chromium	EPA 6010B	4E20076	1.0	35	1	5/20/2004	5/21/2004	
Cobalt	EPA 6010B	4E20076	1.0	4.7	1	5/20/2004	5/21/2004	
Copper	EPA 6010B	4E20076	2.0	24	1	5/20/2004	5/21/2004	
Lead	EPA 6010B	4E20076	2.0	100	1	5/20/2004	5/21/2004	
Mercury	EPA 7471A	4E20115	0.020	0.18	1	5/20/2004	5/20/2004	
Molybdenum	EPA 6010B	4E20076	2.0	ND	1	5/20/2004	5/21/2004	
Nickel	EPA 6010B	4E20076	2.0	23	1	5/20/2004	5/21/2004	
Selenium	EPA 6010B	4E20076	2.0	ND	1	5/20/2004	5/21/2004	
Silver	EPA 6010B	4E20076	1.0	ND	1	5/20/2004	5/21/2004	
Thallium	EPA 6010B	4E20076	10	ND	1	5/20/2004	5/21/2004	
Vanadium	EPA 6010B	4E20076	1.0	29	1	5/20/2004	5/21/2004	
Zinc	EPA 6010B	4E20076	5.0	130	1	5/20/2004	5/21/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E19074	0.20	ND	1	5/19/2004	5/20/2004	
Oil & Grease	EPA 413.2 MOD.	4E19094	250	9900	50	5/19/2004	5/19/2004	
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E21107	NA	Not Ignitable	1	5/21/2004	5/21/2004	
Reactivity with water	SW846 7.3.2.1	4E21110	1.0	ND	1	5/21/2004	5/21/2004	
Sample ID: INE0965-01 (PNL-TP01-Stockpile - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4E18054	NA	8.92	1	5/18/2004	5/18/2004	

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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: INE0965-01 (PNL-TP01-Stockpile - Soil)								C-06
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1221	EPA 8082	4E20008	800	ND	10	5/20/2004	5/22/2004	
PCB-1232	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1242	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1248	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1254	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1260	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
PCB-1268	EPA 8082	4E20008	200	ND	10	5/20/2004	5/22/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				88.0 %				
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				107 %				

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Received: 05/17/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-TP01-Stockpile (INE0965-01) - Soil					
EPA 9045C	1	05/17/2004 14:00	05/17/2004 17:10	05/18/2004 08:00	05/18/2004 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: 4E18059 Extracted: 05/18/04										
Blank Analyzed: 05/18/04 (4E18059-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 05/18/04 (4E18059-BS1)										
Total Recoverable Hydrocarbons	20.2	5.0	mg/kg	20.0		101	55-130			
Matrix Spike Analyzed: 05/18/04 (4E18059-MS1)										
Total Recoverable Hydrocarbons	30300	500	mg/kg	20.0	22000	41500	35-130			M-HA
Matrix Spike Dup Analyzed: 05/18/04 (4E18059-MSD1)										
Total Recoverable Hydrocarbons	19300	500	mg/kg	20.0	22000	-13500	35-130	44	25	M-HA, R-3

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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18067 Extracted: 05/18/04										
Blank Analyzed: 05/20/04 (4E18067-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	3.33		mg/kg	6.67		50	50-125			
LCS Analyzed: 05/20/04 (4E18067-BS1)										
EFH (C6 - C40)	17.0	5.0	mg/kg	33.3		51	45-115			
Surrogate: n-Octacosane	3.49		mg/kg	6.67		52	50-125			
Matrix Spike Analyzed: 05/20/04 (4E18067-MS1)					Source: INE0971-04					
EFH (C6 - C40)	55.0	10	mg/kg	33.3	28	81	35-115			
Surrogate: n-Octacosane	5.13		mg/kg	6.67		77	50-125			
Matrix Spike Dup Analyzed: 05/20/04 (4E18067-MSD1)					Source: INE0971-04					
EFH (C6 - C40)	57.2	10	mg/kg	33.3	28	88	35-115	4	30	
Surrogate: n-Octacosane	5.79		mg/kg	6.67		87	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: 4E18011 Extracted: 05/18/04										
Blank Analyzed: 05/19/04 (4E18011-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 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E18011 Extracted: 05/18/04										
Blank Analyzed: 05/19/04 (4E18011-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	2880		ug/kg	2500		115	50-160			
Surrogate: Toluene-d8	3030		ug/kg	2500		121	60-160			
Surrogate: 4-Bromofluorobenzene	3020		ug/kg	2500		121	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: 4E18011 Extracted: 05/18/04										
LCS Analyzed: 05/19/04 (4E18011-BS1)										
Benzene	2660	100	ug/kg	2500		106	75-125			
Bromobenzene	2620	250	ug/kg	2500		105	80-120			
Bromochloromethane	2680	250	ug/kg	2500		107	65-140			
Bromodichloromethane	2580	100	ug/kg	2500		103	70-140			
Bromoform	2330	250	ug/kg	2500		93	60-130			
Bromomethane	1800	250	ug/kg	2500		72	35-140			
n-Butylbenzene	2650	250	ug/kg	2500		106	80-130			
sec-Butylbenzene	2580	250	ug/kg	2500		103	75-125			
tert-Butylbenzene	2720	250	ug/kg	2500		109	80-125			
Carbon tetrachloride	2370	250	ug/kg	2500		95	70-140			
Chlorobenzene	2600	100	ug/kg	2500		104	80-125			
Chloroethane	1900	250	ug/kg	2500		76	40-145			
Chloroform	2650	100	ug/kg	2500		106	75-130			
Chloromethane	1530	250	ug/kg	2500		61	30-145			
2-Chlorotoluene	2690	250	ug/kg	2500		108	75-125			
4-Chlorotoluene	2710	250	ug/kg	2500		108	80-125			
Dibromochloromethane	2350	100	ug/kg	2500		94	65-145			
1,2-Dibromo-3-chloropropane	2400	250	ug/kg	2500		96	45-135			
1,2-Dibromoethane (EDB)	2570	100	ug/kg	2500		103	75-130			
Dibromomethane	2550	100	ug/kg	2500		102	75-135			
1,2-Dichlorobenzene	2630	100	ug/kg	2500		105	80-120			
1,3-Dichlorobenzene	2550	100	ug/kg	2500		102	80-120			
1,4-Dichlorobenzene	2610	100	ug/kg	2500		104	80-120			
Dichlorodifluoromethane	819	250	ug/kg	2500		33	10-160			
1,1-Dichloroethane	2620	100	ug/kg	2500		105	70-135			
1,2-Dichloroethane	2540	100	ug/kg	2500		102	60-150			
1,1-Dichloroethene	2560	250	ug/kg	2500		102	80-145			
cis-1,2-Dichloroethene	2670	100	ug/kg	2500		107	70-135			
trans-1,2-Dichloroethene	2630	100	ug/kg	2500		105	70-135			
1,2-Dichloropropane	2660	100	ug/kg	2500		106	75-125			
1,3-Dichloropropane	2500	100	ug/kg	2500		100	75-130			
2,2-Dichloropropane	2940	100	ug/kg	2500		118	70-150			
1,1-Dichloropropene	2580	100	ug/kg	2500		103	75-130			
cis-1,3-Dichloropropene	2670	100	ug/kg	2500		107	75-130			
trans-1,3-Dichloropropene	2770	100	ug/kg	2500		111	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: 4E18011 Extracted: 05/18/04										
LCS Analyzed: 05/19/04 (4E18011-BS1)										
Ethylbenzene	2740	100	ug/kg	2500		110	80-120			
Hexachlorobutadiene	2520	250	ug/kg	2500		101	75-140			
Isopropylbenzene	2820	100	ug/kg	2500		113	75-125			
p-Isopropyltoluene	2580	100	ug/kg	2500		103	80-125			
Methylene chloride	2650	1000	ug/kg	2500		106	60-145			
Naphthalene	2580	250	ug/kg	2500		103	50-145			M-HA
n-Propylbenzene	2830	100	ug/kg	2500		113	75-130			
Styrene	2790	100	ug/kg	2500		112	80-135			
1,1,1,2-Tetrachloroethane	2500	250	ug/kg	2500		100	70-145			
1,1,2,2-Tetrachloroethane	2520	100	ug/kg	2500		101	60-135			
Tetrachloroethene	2570	100	ug/kg	2500		103	80-125			
Toluene	2700	100	ug/kg	2500		108	80-125			
1,2,3-Trichlorobenzene	2580	250	ug/kg	2500		103	65-135			
1,2,4-Trichlorobenzene	2660	250	ug/kg	2500		106	70-140			
1,1,1-Trichloroethane	2570	100	ug/kg	2500		103	75-140			
1,1,2-Trichloroethane	2670	100	ug/kg	2500		107	70-130			
Trichloroethene	2690	100	ug/kg	2500		108	80-130			
Trichlorofluoromethane	2180	250	ug/kg	2500		87	55-145			
1,2,3-Trichloropropane	2530	500	ug/kg	2500		101	60-130			
1,2,4-Trimethylbenzene	2700	100	ug/kg	2500		108	80-125			
1,3,5-Trimethylbenzene	2790	100	ug/kg	2500		112	80-125			
Vinyl chloride	628	250	ug/kg	2500		25	10-120			
o-Xylene	2610	100	ug/kg	2500		104	80-125			
m,p-Xylenes	5300	100	ug/kg	5000		106	80-120			
Surrogate: Dibromofluoromethane	2830		ug/kg	2500		113	50-160			
Surrogate: Toluene-d8	2990		ug/kg	2500		120	60-160			
Surrogate: 4-Bromofluorobenzene	2850		ug/kg	2500		114	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: 4E18011 Extracted: 05/18/04										
LCS Dup Analyzed: 05/19/04 (4E18011-BSD1)										
Benzene	2750	100	ug/kg	2500		110	75-125	3	20	
Bromobenzene	2780	250	ug/kg	2500		111	80-120	6	20	
Bromochloromethane	2720	250	ug/kg	2500		109	65-140	1	20	
Bromodichloromethane	2680	100	ug/kg	2500		107	70-140	4	20	
Bromoform	2160	250	ug/kg	2500		86	60-130	8	25	
Bromomethane	1910	250	ug/kg	2500		76	35-140	6	30	
n-Butylbenzene	2830	250	ug/kg	2500		113	80-130	7	20	
sec-Butylbenzene	2770	250	ug/kg	2500		111	75-125	7	20	
tert-Butylbenzene	2920	250	ug/kg	2500		117	80-125	7	20	
Carbon tetrachloride	2470	250	ug/kg	2500		99	70-140	4	20	
Chlorobenzene	2700	100	ug/kg	2500		108	80-125	4	20	
Chloroethane	2010	250	ug/kg	2500		80	40-145	6	25	
Chloroform	2730	100	ug/kg	2500		109	75-130	3	20	
Chloromethane	1540	250	ug/kg	2500		62	30-145	1	25	
2-Chlorotoluene	2880	250	ug/kg	2500		115	75-125	7	20	
4-Chlorotoluene	2900	250	ug/kg	2500		116	80-125	7	20	
Dibromochloromethane	2330	100	ug/kg	2500		93	65-145	1	20	
1,2-Dibromo-3-chloropropane	2130	250	ug/kg	2500		85	45-135	12	25	
1,2-Dibromoethane (EDB)	2470	100	ug/kg	2500		99	75-130	4	20	
Dibromomethane	2480	100	ug/kg	2500		99	75-135	3	20	
1,2-Dichlorobenzene	2740	100	ug/kg	2500		110	80-120	4	20	
1,3-Dichlorobenzene	2700	100	ug/kg	2500		108	80-120	6	20	
1,4-Dichlorobenzene	2780	100	ug/kg	2500		111	80-120	6	20	
Dichlorodifluoromethane	809	250	ug/kg	2500		32	10-160	1	30	
1,1-Dichloroethane	2720	100	ug/kg	2500		109	70-135	4	20	
1,2-Dichloroethane	2490	100	ug/kg	2500		100	60-150	2	25	
1,1-Dichloroethene	2590	250	ug/kg	2500		104	80-145	1	20	
cis-1,2-Dichloroethene	2800	100	ug/kg	2500		112	70-135	5	20	
trans-1,2-Dichloroethene	2780	100	ug/kg	2500		111	70-135	6	20	
1,2-Dichloropropane	2750	100	ug/kg	2500		110	75-125	3	20	
1,3-Dichloropropane	2430	100	ug/kg	2500		97	75-130	3	20	
2,2-Dichloropropane	3100	100	ug/kg	2500		124	70-150	5	20	
1,1-Dichloropropene	2700	100	ug/kg	2500		108	75-130	5	20	
cis-1,3-Dichloropropene	2700	100	ug/kg	2500		108	75-130	1	20	
trans-1,3-Dichloropropene	2700	100	ug/kg	2500		108	75-135	3	20	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0965

Sampled: 05/17/04
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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18011 Extracted: 05/18/04										
LCS Dup Analyzed: 05/19/04 (4E18011-BSD1)										
Ethylbenzene	2830	100	ug/kg	2500		113	80-120	3	20	
Hexachlorobutadiene	2700	250	ug/kg	2500		108	75-140	7	20	
Isopropylbenzene	3020	100	ug/kg	2500		121	75-125	7	20	
p-Isopropyltoluene	2760	100	ug/kg	2500		110	80-125	7	20	
Methylene chloride	2680	1000	ug/kg	2500		107	60-145	1	20	
Naphthalene	2530	250	ug/kg	2500		101	50-145	2	25	M-HA
n-Propylbenzene	3030	100	ug/kg	2500		121	75-130	7	20	
Styrene	2870	100	ug/kg	2500		115	80-135	3	20	
1,1,1,2-Tetrachloroethane	2540	250	ug/kg	2500		102	70-145	2	20	
1,1,2,2-Tetrachloroethane	2330	100	ug/kg	2500		93	60-135	8	25	
Tetrachloroethene	2680	100	ug/kg	2500		107	80-125	4	20	
Toluene	2820	100	ug/kg	2500		113	80-125	4	20	
1,2,3-Trichlorobenzene	2620	250	ug/kg	2500		105	65-135	2	20	
1,2,4-Trichlorobenzene	2790	250	ug/kg	2500		112	70-140	5	20	
1,1,1-Trichloroethane	2690	100	ug/kg	2500		108	75-140	5	20	
1,1,2-Trichloroethane	2550	100	ug/kg	2500		102	70-130	5	20	
Trichloroethene	2800	100	ug/kg	2500		112	80-130	4	20	
Trichlorofluoromethane	2240	250	ug/kg	2500		90	55-145	3	25	
1,2,3-Trichloropropane	2390	500	ug/kg	2500		96	60-130	6	20	
1,2,4-Trimethylbenzene	2880	100	ug/kg	2500		115	80-125	6	20	
1,3,5-Trimethylbenzene	2990	100	ug/kg	2500		120	80-125	7	20	
Vinyl chloride	731	250	ug/kg	2500		29	10-120	15	30	
o-Xylene	2710	100	ug/kg	2500		108	80-125	4	20	
m,p-Xylenes	5480	100	ug/kg	5000		110	80-120	3	20	
Surrogate: Dibromofluoromethane	2950		ug/kg	2500		118	50-160			
Surrogate: Toluene-d8	3140		ug/kg	2500		126	60-160			
Surrogate: 4-Bromofluorobenzene	2890		ug/kg	2500		116	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: 4E18011 Extracted: 05/18/04										
Matrix Spike Analyzed: 05/19/04 (4E18011-MS1)					Source: INE0965-01					
Benzene	2400	100	ug/kg	2500	ND	96	60-140			
Bromobenzene	2210	250	ug/kg	2500	ND	88	65-130			
Bromochloromethane	2460	250	ug/kg	2500	ND	98	60-145			
Bromodichloromethane	2250	100	ug/kg	2500	ND	90	65-150			
Bromoform	1930	250	ug/kg	2500	ND	77	55-150			
Bromomethane	1450	250	ug/kg	2500	ND	58	30-160			
n-Butylbenzene	2560	250	ug/kg	2500	450	84	60-150			
sec-Butylbenzene	2590	250	ug/kg	2500	450	86	65-145			
tert-Butylbenzene	2220	250	ug/kg	2500	ND	89	60-150			
Carbon tetrachloride	1770	250	ug/kg	2500	ND	71	70-140			
Chlorobenzene	2490	100	ug/kg	2500	ND	100	70-140			
Chloroethane	1690	250	ug/kg	2500	ND	68	30-170			
Chloroform	2420	100	ug/kg	2500	ND	97	60-140			
Chloromethane	1280	250	ug/kg	2500	ND	51	30-160			
2-Chlorotoluene	2250	250	ug/kg	2500	ND	90	60-140			
4-Chlorotoluene	2260	250	ug/kg	2500	ND	90	70-135			
Dibromochloromethane	2000	100	ug/kg	2500	ND	80	60-150			
1,2-Dibromo-3-chloropropane	2850	250	ug/kg	2500	ND	114	40-150			
1,2-Dibromoethane (EDB)	2290	100	ug/kg	2500	ND	92	65-140			
Dibromomethane	2320	100	ug/kg	2500	ND	93	65-140			
1,2-Dichlorobenzene	2160	100	ug/kg	2500	ND	86	70-130			
1,3-Dichlorobenzene	2080	100	ug/kg	2500	ND	83	60-155			
1,4-Dichlorobenzene	2170	100	ug/kg	2500	ND	87	55-150			
Dichlorodifluoromethane	484	250	ug/kg	2500	ND	19	10-160			
1,1-Dichloroethane	2360	100	ug/kg	2500	ND	94	60-155			
1,2-Dichloroethane	2290	100	ug/kg	2500	ND	92	55-150			
1,1-Dichloroethene	2220	250	ug/kg	2500	ND	89	60-165			
cis-1,2-Dichloroethene	2440	100	ug/kg	2500	ND	98	60-135			
trans-1,2-Dichloroethene	2360	100	ug/kg	2500	ND	94	50-155			
1,2-Dichloropropane	2390	100	ug/kg	2500	ND	96	65-135			
1,3-Dichloropropane	2270	100	ug/kg	2500	ND	91	65-135			
2,2-Dichloropropane	2500	100	ug/kg	2500	ND	100	60-150			
1,1-Dichloropropene	2280	100	ug/kg	2500	ND	91	60-140			
cis-1,3-Dichloropropene	2380	100	ug/kg	2500	ND	95	60-135			
trans-1,3-Dichloropropene	2450	100	ug/kg	2500	ND	98	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
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Batch: 4E18011 Extracted: 05/18/04

Matrix Spike Analyzed: 05/19/04 (4E18011-MS1)

Source: INE0965-01

Ethylbenzene	2560	100	ug/kg	2500	140	97	60-140			
Hexachlorobutadiene	1540	250	ug/kg	2500	ND	62	65-145			M2
Isopropylbenzene	3290	100	ug/kg	2500	820	99	60-140			
p-Isopropyltoluene	2100	100	ug/kg	2500	ND	84	60-145			
Methylene chloride	2390	1000	ug/kg	2500	ND	96	50-155			
n-Propylbenzene	3350	100	ug/kg	2500	880	99	60-145			
Styrene	2400	100	ug/kg	2500	ND	96	60-145			
1,1,1,2-Tetrachloroethane	2080	250	ug/kg	2500	ND	83	65-145			
1,1,2,2-Tetrachloroethane	2190	100	ug/kg	2500	ND	88	60-150			
Tetrachloroethene	2140	100	ug/kg	2500	ND	86	65-145			
Toluene	2390	100	ug/kg	2500	ND	96	60-145			
1,2,3-Trichlorobenzene	1910	250	ug/kg	2500	ND	76	45-145			
1,2,4-Trichlorobenzene	1840	250	ug/kg	2500	ND	74	60-140			
1,1,1-Trichloroethane	2260	100	ug/kg	2500	ND	90	65-140			
1,1,2-Trichloroethane	2690	100	ug/kg	2500	ND	108	60-140			
Trichloroethene	2400	100	ug/kg	2500	ND	96	70-150			
Trichlorofluoromethane	1750	250	ug/kg	2500	ND	70	35-165			
1,2,3-Trichloropropane	2220	500	ug/kg	2500	ND	89	50-150			
1,2,4-Trimethylbenzene	2640	100	ug/kg	2500	170	99	70-135			
1,3,5-Trimethylbenzene	2340	100	ug/kg	2500	51	92	70-135			
Vinyl chloride	515	250	ug/kg	2500	ND	21	10-120			
o-Xylene	2360	100	ug/kg	2500	69	92	60-145			
m,p-Xylenes	4690	100	ug/kg	5000	87	92	60-140			
Surrogate: Dibromofluoromethane	2760		ug/kg	2500		110	50-160			
Surrogate: Toluene-d8	2800		ug/kg	2500		112	60-160			
Surrogate: 4-Bromofluorobenzene	2710		ug/kg	2500		108	60-150			

Matrix Spike Dup Analyzed: 05/19/04 (4E18011-MSD1)

Source: INE0965-01

Benzene	2440	100	ug/kg	2500	ND	98	60-140	2	25	
Bromobenzene	2010	250	ug/kg	2500	ND	80	65-130	9	25	
Bromochloromethane	2610	250	ug/kg	2500	ND	104	60-145	6	25	
Bromodichloromethane	2290	100	ug/kg	2500	ND	92	65-150	2	25	
Bromoform	2000	250	ug/kg	2500	ND	80	55-150	4	30	
Bromomethane	1540	250	ug/kg	2500	ND	62	30-160	6	30	
n-Butylbenzene	2260	250	ug/kg	2500	450	72	60-150	12	25	
sec-Butylbenzene	2300	250	ug/kg	2500	450	74	65-145	12	25	

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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: 4E18011 Extracted: 05/18/04										
Matrix Spike Dup Analyzed: 05/19/04 (4E18011-MSD1)					Source: INE0965-01					
tert-Butylbenzene	2010	250	ug/kg	2500	ND	80	60-150	10	20	
Carbon tetrachloride	1780	250	ug/kg	2500	ND	71	70-140	1	20	
Chlorobenzene	2460	100	ug/kg	2500	ND	98	70-140	1	25	
Chloroethane	1730	250	ug/kg	2500	ND	69	30-170	2	35	
Chloroform	2400	100	ug/kg	2500	ND	96	60-140	1	25	
Chloromethane	1170	250	ug/kg	2500	ND	47	30-160	9	30	
2-Chlorotoluene	2010	250	ug/kg	2500	ND	80	60-140	11	25	
4-Chlorotoluene	2020	250	ug/kg	2500	ND	81	70-135	11	20	
Dibromochloromethane	2140	100	ug/kg	2500	ND	86	60-150	7	25	
1,2-Dibromo-3-chloropropane	2390	250	ug/kg	2500	ND	96	40-150	18	30	
1,2-Dibromoethane (EDB)	2350	100	ug/kg	2500	ND	94	65-140	3	25	
Dibromomethane	2380	100	ug/kg	2500	ND	95	65-140	3	20	
1,2-Dichlorobenzene	1980	100	ug/kg	2500	ND	79	70-130	9	20	
1,3-Dichlorobenzene	1890	100	ug/kg	2500	ND	76	60-155	10	25	
1,4-Dichlorobenzene	1930	100	ug/kg	2500	ND	77	55-150	12	25	
Dichlorodifluoromethane	419	250	ug/kg	2500	ND	17	10-160	14	35	
1,1-Dichloroethane	2440	100	ug/kg	2500	ND	98	60-155	3	25	
1,2-Dichloroethane	2250	100	ug/kg	2500	ND	90	55-150	2	30	
1,1-Dichloroethene	2190	250	ug/kg	2500	ND	88	60-165	1	25	
cis-1,2-Dichloroethene	2460	100	ug/kg	2500	ND	98	60-135	1	25	
trans-1,2-Dichloroethene	2340	100	ug/kg	2500	ND	94	50-155	1	25	
1,2-Dichloropropane	2530	100	ug/kg	2500	ND	101	65-135	6	20	
1,3-Dichloropropane	2290	100	ug/kg	2500	ND	92	65-135	1	20	
2,2-Dichloropropane	2440	100	ug/kg	2500	ND	98	60-150	2	20	
1,1-Dichloropropene	2290	100	ug/kg	2500	ND	92	60-140	0	20	
cis-1,3-Dichloropropene	2570	100	ug/kg	2500	ND	103	60-135	8	25	
trans-1,3-Dichloropropene	2490	100	ug/kg	2500	ND	100	55-155	2	25	
Ethylbenzene	2510	100	ug/kg	2500	140	95	60-140	2	25	
Hexachlorobutadiene	1500	250	ug/kg	2500	ND	60	65-145	3	25	M2
Isopropylbenzene	2860	100	ug/kg	2500	820	82	60-140	14	25	
p-Isopropyltoluene	1900	100	ug/kg	2500	ND	76	60-145	10	25	
Methylene chloride	2390	1000	ug/kg	2500	ND	96	50-155	0	25	
n-Propylbenzene	2870	100	ug/kg	2500	880	80	60-145	15	25	
Styrene	2540	100	ug/kg	2500	ND	102	60-145	6	20	
1,1,1,2-Tetrachloroethane	2090	250	ug/kg	2500	ND	84	65-145	1	20	

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18011 Extracted: 05/18/04										
Matrix Spike Dup Analyzed: 05/19/04 (4E18011-MSD1)					Source: INE0965-01					
1,1,2,2-Tetrachloroethane	2070	100	ug/kg	2500	ND	83	60-150	6	20	
Tetrachloroethene	2160	100	ug/kg	2500	ND	86	65-145	1	25	
Toluene	2460	100	ug/kg	2500	ND	98	60-145	3	25	
1,2,3-Trichlorobenzene	1750	250	ug/kg	2500	ND	70	45-145	9	30	
1,2,4-Trichlorobenzene	1740	250	ug/kg	2500	ND	70	60-140	6	25	
1,1,1-Trichloroethane	2220	100	ug/kg	2500	ND	89	65-140	2	25	
1,1,2-Trichloroethane	2760	100	ug/kg	2500	ND	110	60-140	3	20	
Trichloroethene	2530	100	ug/kg	2500	ND	101	70-150	5	25	
Trichlorofluoromethane	1710	250	ug/kg	2500	ND	68	35-165	2	30	
1,2,3-Trichloropropane	2000	500	ug/kg	2500	ND	80	50-150	10	20	
1,2,4-Trimethylbenzene	2140	100	ug/kg	2500	170	79	70-135	21	20	R
1,3,5-Trimethylbenzene	2060	100	ug/kg	2500	51	80	70-135	13	25	
Vinyl chloride	449	250	ug/kg	2500	ND	18	10-120	14	35	
o-Xylene	2370	100	ug/kg	2500	69	92	60-145	0	25	
m,p-Xylenes	4660	100	ug/kg	5000	87	91	60-140	1	25	
Surrogate: Dibromofluoromethane	2730		ug/kg	2500		109	50-160			
Surrogate: Toluene-d8	2840		ug/kg	2500		114	60-160			
Surrogate: 4-Bromofluorobenzene	2640		ug/kg	2500		106	60-150			

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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	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E19041 Extracted: 05/19/04									
Blank Analyzed: 05/20/04 (4E19041-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: 4E19041 Extracted: 05/19/04										
Blank Analyzed: 05/20/04 (4E19041-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	3970		ug/kg	6670		60	25-120			
Surrogate: Phenol-d6	4450		ug/kg	6670		67	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: 4E19041 Extracted: 05/19/04										
Blank Analyzed: 05/20/04 (4E19041-BLK1)										
Surrogate: 2,4,6-Tribromophenol	4670		ug/kg	6670		70	35-120			
Surrogate: Nitrobenzene-d5	2080		ug/kg	3330		62	30-120			
Surrogate: 2-Fluorobiphenyl	2500		ug/kg	3330		75	35-120			
Surrogate: Terphenyl-d14	2650		ug/kg	3330		80	35-155			
LCS Analyzed: 05/20/04 (4E19041-BS1)										
Acenaphthene	2420	330	ug/kg	3330		73	55-120			
Acenaphthylene	2790	330	ug/kg	3330		84	55-120			
Aniline	1890	420	ug/kg	3330		57	30-120			
Anthracene	2960	330	ug/kg	3330		89	55-120			
Benzidine	2130	660	ug/kg	3330		64	10-180			
Benzoic acid	1810	830	ug/kg	3330		54	30-125			
Benzo(a)anthracene	2870	330	ug/kg	3330		86	65-120			
Benzo(b)fluoranthene	3650	330	ug/kg	3330		110	65-120			
Benzo(k)fluoranthene	3350	330	ug/kg	3330		101	60-120			
Benzo(g,h,i)perylene	3890	330	ug/kg	3330		117	25-160			
Benzo(a)pyrene	3700	330	ug/kg	3330		111	60-120			
Benzyl alcohol	2300	330	ug/kg	3330		69	40-130			
Bis(2-chloroethoxy)methane	2190	330	ug/kg	3330		66	50-120			
Bis(2-chloroethyl)ether	2050	170	ug/kg	3330		62	40-120			
Bis(2-chloroisopropyl)ether	2010	330	ug/kg	3330		60	40-120			
Bis(2-ethylhexyl)phthalate	2640	330	ug/kg	3330		79	65-125			
4-Bromophenyl phenyl ether	2360	330	ug/kg	3330		71	50-125			
Butyl benzyl phthalate	2540	330	ug/kg	3330		76	65-120			
4-Chloroaniline	2130	330	ug/kg	3330		64	20-120			
2-Chloronaphthalene	2180	330	ug/kg	3330		65	50-120			
4-Chloro-3-methylphenol	2710	330	ug/kg	3330		81	50-120			
2-Chlorophenol	2000	330	ug/kg	3330		60	45-120			
4-Chlorophenyl phenyl ether	2840	330	ug/kg	3330		85	55-120			
Chrysene	2760	330	ug/kg	3330		83	60-120			
Dibenz(a,h)anthracene	4040	420	ug/kg	3330		121	25-160			
Dibenzofuran	2460	330	ug/kg	3330		74	55-120			
Di-n-butyl phthalate	3170	330	ug/kg	3330		95	60-120			
1,3-Dichlorobenzene	1510	330	ug/kg	3330		45	40-120			
1,4-Dichlorobenzene	1750	330	ug/kg	3330		53	40-120			
1,2-Dichlorobenzene	1800	330	ug/kg	3330		54	40-120			

Del Mar Analytical, Irvine
 Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
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SB0202/31
Report Number: INE0965

Sampled: 05/17/04
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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: 4E19041 Extracted: 05/19/04										
LCS Analyzed: 05/20/04 (4E19041-BS1)										
3,3-Dichlorobenzidine	2870	830	ug/kg	3330		86	20-170			
2,4-Dichlorophenol	2260	330	ug/kg	3330		68	55-120			
Diethyl phthalate	3060	330	ug/kg	3330		92	55-120			
2,4-Dimethylphenol	2040	330	ug/kg	3330		61	45-120			
Dimethyl phthalate	3010	330	ug/kg	3330		90	60-120			
4,6-Dinitro-2-methylphenol	2630	420	ug/kg	3330		79	50-120			
2,4-Dinitrophenol	2280	420	ug/kg	3330		68	25-140			
2,4-Dinitrotoluene	3010	330	ug/kg	3330		90	60-140			
2,6-Dinitrotoluene	2830	330	ug/kg	3330		85	60-125			
Di-n-octyl phthalate	2860	330	ug/kg	3330		86	60-135			
Fluoranthene	3040	330	ug/kg	3330		91	55-130			
Fluorene	2930	330	ug/kg	3330		88	55-120			
Hexachlorobenzene	2480	330	ug/kg	3330		74	45-120			
Hexachlorobutadiene	1920	330	ug/kg	3330		58	40-120			
Hexachlorocyclopentadiene	1790	830	ug/kg	3330		54	45-130			
Hexachloroethane	1700	330	ug/kg	3330		51	40-120			
Indeno(1,2,3-cd)pyrene	3940	330	ug/kg	3330		118	25-150			
Isophorone	2130	330	ug/kg	3330		64	45-120			
2-Methylnaphthalene	2530	330	ug/kg	3330		76	50-120			
2-Methylphenol	2180	330	ug/kg	3330		65	50-120			
4-Methylphenol	2320	330	ug/kg	3330		70	50-120			
Naphthalene	2340	330	ug/kg	3330		70	45-120			
2-Nitroaniline	2780	330	ug/kg	3330		83	55-130			
3-Nitroaniline	2990	330	ug/kg	3330		90	40-140			
4-Nitroaniline	3290	830	ug/kg	3330		99	40-160			
Nitrobenzene	2020	330	ug/kg	3330		61	45-120			
2-Nitrophenol	2030	330	ug/kg	3330		61	50-120			
4-Nitrophenol	2990	830	ug/kg	3330		90	45-135			
N-Nitrosodiphenylamine	2370	330	ug/kg	3330		71	55-120			
N-Nitroso-di-n-propylamine	2190	250	ug/kg	3330		66	45-120			
Pentachlorophenol	2780	830	ug/kg	3330		83	50-120			
Phenanthrene	2960	330	ug/kg	3330		89	55-120			
Phenol	2170	330	ug/kg	3330		65	45-120			
Pyrene	2970	330	ug/kg	3330		89	50-120			
1,2,4-Trichlorobenzene	1920	330	ug/kg	3330		58	45-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19041 Extracted: 05/19/04										
LCS Analyzed: 05/20/04 (4E19041-BS1)										
2,4,5-Trichlorophenol	2710	330	ug/kg	3330		81	55-120			
2,4,6-Trichlorophenol	2470	330	ug/kg	3330		74	55-120			
1,2-Diphenylhydrazine/Azobenzene	2750	330	ug/kg	3330		83	60-120			
Surrogate: 2-Fluorophenol	3880		ug/kg	6670		58	25-120			
Surrogate: Phenol-d6	4430		ug/kg	6670		66	30-120			
Surrogate: 2,4,6-Tribromophenol	5060		ug/kg	6670		76	35-120			
Surrogate: Nitrobenzene-d5	1970		ug/kg	3330		59	30-120			
Surrogate: 2-Fluorobiphenyl	2360		ug/kg	3330		71	35-120			
Surrogate: Terphenyl-d14	2860		ug/kg	3330		86	35-155			
LCS Dup Analyzed: 05/20/04 (4E19041-BSD1)										
Acenaphthene	2310	330	ug/kg	3330		69	55-120	5	20	
Acenaphthylene	2670	330	ug/kg	3330		80	55-120	4	20	
Aniline	1580	420	ug/kg	3330		47	30-120	18	25	
Anthracene	2990	330	ug/kg	3330		90	55-120	1	20	
Benidine	1970	660	ug/kg	3330		59	10-180	8	25	
Benzoic acid	1600	830	ug/kg	3330		48	30-125	12	25	
Benzo(a)anthracene	2810	330	ug/kg	3330		84	65-120	2	20	
Benzo(b)fluoranthene	3450	330	ug/kg	3330		104	65-120	6	20	
Benzo(k)fluoranthene	3340	330	ug/kg	3330		100	60-120	0	20	
Benzo(g,h,i)perylene	3780	330	ug/kg	3330		114	25-160	3	25	
Benzo(a)pyrene	3650	330	ug/kg	3330		110	60-120	1	20	
Benzyl alcohol	2140	330	ug/kg	3330		64	40-130	7	25	
Bis(2-chloroethoxy)methane	2150	330	ug/kg	3330		65	50-120	2	20	
Bis(2-chloroethyl)ether	2030	170	ug/kg	3330		61	40-120	1	25	
Bis(2-chloroisopropyl)ether	1930	330	ug/kg	3330		58	40-120	4	25	
Bis(2-ethylhexyl)phthalate	2600	330	ug/kg	3330		78	65-125	2	20	
4-Bromophenyl phenyl ether	2400	330	ug/kg	3330		72	50-125	2	20	
Butyl benzyl phthalate	2500	330	ug/kg	3330		75	65-120	2	20	
4-Chloroaniline	1760	330	ug/kg	3330		53	20-120	19	25	
2-Chloronaphthalene	2060	330	ug/kg	3330		62	50-120	6	20	
4-Chloro-3-methylphenol	2540	330	ug/kg	3330		76	50-120	6	20	
2-Chlorophenol	1900	330	ug/kg	3330		57	45-120	5	20	
4-Chlorophenyl phenyl ether	2810	330	ug/kg	3330		84	55-120	1	20	
Chrysene	2670	330	ug/kg	3330		80	60-120	3	20	
Dibenz(a,h)anthracene	3900	420	ug/kg	3330		117	25-160	4	25	

Del Mar Analytical, Irvine
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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: 4E19041 Extracted: 05/19/04										
LCS Dup Analyzed: 05/20/04 (4E19041-BSD1)										
Dibenzofuran	2360	330	ug/kg	3330		71	55-120	4	20	
Di-n-butyl phthalate	3250	330	ug/kg	3330		98	60-120	2	20	
1,3-Dichlorobenzene	1600	330	ug/kg	3330		48	40-120	6	25	
1,4-Dichlorobenzene	1740	330	ug/kg	3330		52	40-120	1	25	
1,2-Dichlorobenzene	1790	330	ug/kg	3330		54	40-120	1	20	
3,3-Dichlorobenzidine	2380	830	ug/kg	3330		71	20-170	19	25	
2,4-Dichlorophenol	2200	330	ug/kg	3330		66	55-120	3	20	
Diethyl phthalate	2960	330	ug/kg	3330		89	55-120	3	20	
2,4-Dimethylphenol	1870	330	ug/kg	3330		56	45-120	9	25	
Dimethyl phthalate	2940	330	ug/kg	3330		88	60-120	2	20	
4,6-Dinitro-2-methylphenol	2510	420	ug/kg	3330		75	50-120	5	20	
2,4-Dinitrophenol	2060	420	ug/kg	3330		62	25-140	10	25	
2,4-Dinitrotoluene	2890	330	ug/kg	3330		87	60-140	4	20	
2,6-Dinitrotoluene	2630	330	ug/kg	3330		79	60-125	7	20	
Di-n-octyl phthalate	2810	330	ug/kg	3330		84	60-135	2	20	
Fluoranthene	3080	330	ug/kg	3330		92	55-130	1	20	
Fluorene	2790	330	ug/kg	3330		84	55-120	5	20	
Hexachlorobenzene	2460	330	ug/kg	3330		74	45-120	1	20	
Hexachlorobutadiene	1890	330	ug/kg	3330		57	40-120	2	20	
Hexachlorocyclopentadiene	1780	830	ug/kg	3330		53	45-130	1	20	
Hexachloroethane	1750	330	ug/kg	3330		53	40-120	3	20	
Indeno(1,2,3-cd)pyrene	3850	330	ug/kg	3330		116	25-150	2	25	
Isophorone	2020	330	ug/kg	3330		61	45-120	5	20	
2-Methylnaphthalene	2450	330	ug/kg	3330		74	50-120	3	20	
2-Methylphenol	2060	330	ug/kg	3330		62	50-120	6	20	
4-Methylphenol	2230	330	ug/kg	3330		67	50-120	4	20	
Naphthalene	2260	330	ug/kg	3330		68	45-120	3	20	
2-Nitroaniline	2700	330	ug/kg	3330		81	55-130	3	20	
3-Nitroaniline	2550	330	ug/kg	3330		77	40-140	16	25	
4-Nitroaniline	3030	830	ug/kg	3330		91	40-160	8	20	
Nitrobenzene	1950	330	ug/kg	3330		59	45-120	4	20	
2-Nitrophenol	1950	330	ug/kg	3330		59	50-120	4	20	
4-Nitrophenol	2810	830	ug/kg	3330		84	45-135	6	25	
N-Nitrosodiphenylamine	2330	330	ug/kg	3330		70	55-120	2	20	
N-Nitroso-di-n-propylamine	2040	250	ug/kg	3330		61	45-120	7	20	

Del Mar Analytical, Irvine
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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: 4E19041 Extracted: 05/19/04										
LCS Dup Analyzed: 05/20/04 (4E19041-BSD1)										
Pentachlorophenol	2720	830	ug/kg	3330		82	50-120	2	20	
Phenanthrene	2910	330	ug/kg	3330		87	55-120	2	20	
Phenol	2030	330	ug/kg	3330		61	45-120	7	20	
Pyrene	2930	330	ug/kg	3330		88	50-120	1	20	
1,2,4-Trichlorobenzene	1880	330	ug/kg	3330		56	45-120	2	20	
2,4,5-Trichlorophenol	2530	330	ug/kg	3330		76	55-120	7	20	
2,4,6-Trichlorophenol	2370	330	ug/kg	3330		71	55-120	4	20	
1,2-Diphenylhydrazine/Azobenzene	2690	330	ug/kg	3330		81	60-120	2	20	
Surrogate: 2-Fluorophenol	3700		ug/kg	6670		55	25-120			
Surrogate: Phenol-d6	4230		ug/kg	6670		63	30-120			
Surrogate: 2,4,6-Tribromophenol	4910		ug/kg	6670		74	35-120			
Surrogate: Nitrobenzene-d5	1890		ug/kg	3330		57	30-120			
Surrogate: 2-Fluorobiphenyl	2270		ug/kg	3330		68	35-120			
Surrogate: Terphenyl-d14	2820		ug/kg	3330		85	35-155			
Matrix Spike Analyzed: 05/20/04 (4E19041-MS1)										
Source: INE0917-02RE1										
Acenaphthene	2460	330	ug/kg	3330	ND	74	45-120			
Acenaphthylene	2780	330	ug/kg	3330	ND	83	45-120			
Aniline	1700	420	ug/kg	3330	ND	51	30-120			
Anthracene	3030	330	ug/kg	3330	ND	91	55-120			
Benzidine	523	660	ug/kg	3330	ND	16	10-180			
Benzoic acid	2160	830	ug/kg	3330	ND	65	20-125			
Benzo(a)anthracene	2870	330	ug/kg	3330	ND	86	55-120			
Benzo(b)fluoranthene	3540	330	ug/kg	3330	ND	106	65-120			
Benzo(k)fluoranthene	3390	330	ug/kg	3330	ND	102	55-120			
Benzo(g,h,i)perylene	3790	330	ug/kg	3330	ND	114	25-160			
Benzo(a)pyrene	3640	330	ug/kg	3330	ND	109	60-120			
Benzyl alcohol	2250	330	ug/kg	3330	ND	68	40-130			
Bis(2-chloroethoxy)methane	2250	330	ug/kg	3330	ND	68	45-120			
Bis(2-chloroethyl)ether	2140	170	ug/kg	3330	ND	64	40-120			
Bis(2-chloroisopropyl)ether	2060	330	ug/kg	3330	ND	62	40-120			
Bis(2-ethylhexyl)phthalate	2650	330	ug/kg	3330	ND	80	60-135			
4-Bromophenyl phenyl ether	2430	330	ug/kg	3330	ND	73	50-125			
Butyl benzyl phthalate	2640	330	ug/kg	3330	ND	79	55-150			
4-Chloroaniline	1880	330	ug/kg	3330	ND	56	20-120			
2-Chloronaphthalene	2230	330	ug/kg	3330	ND	67	55-120			

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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: 4E19041 Extracted: 05/19/04										
Matrix Spike Analyzed: 05/20/04 (4E19041-MS1)					Source: INE0917-02RE1					
4-Chloro-3-methylphenol	2670	330	ug/kg	3330	ND	80	45-125			
2-Chlorophenol	2050	330	ug/kg	3330	ND	62	40-120			
4-Chlorophenyl phenyl ether	2890	330	ug/kg	3330	ND	87	55-120			
Chrysene	2770	330	ug/kg	3330	ND	83	60-120			
Dibenz(a,h)anthracene	3940	420	ug/kg	3330	ND	118	25-160			
Dibenzofuran	2490	330	ug/kg	3330	ND	75	55-120			
Di-n-butyl phthalate	3210	330	ug/kg	3330	ND	96	60-120			
1,3-Dichlorobenzene	1620	330	ug/kg	3330	ND	49	35-120			
1,4-Dichlorobenzene	1860	330	ug/kg	3330	ND	56	40-120			
1,2-Dichlorobenzene	1850	330	ug/kg	3330	ND	56	40-120			
3,3-Dichlorobenzidine	2430	830	ug/kg	3330	ND	73	20-170			
2,4-Dichlorophenol	2290	330	ug/kg	3330	ND	69	40-120			
Diethyl phthalate	3070	330	ug/kg	3330	ND	92	55-120			
2,4-Dimethylphenol	2110	330	ug/kg	3330	ND	63	35-120			
Dimethyl phthalate	3040	330	ug/kg	3330	ND	91	50-120			
4,6-Dinitro-2-methylphenol	2640	420	ug/kg	3330	ND	79	40-120			
2,4-Dinitrophenol	2390	420	ug/kg	3330	ND	72	20-140			
2,4-Dinitrotoluene	3020	330	ug/kg	3330	ND	91	55-140			
2,6-Dinitrotoluene	2770	330	ug/kg	3330	ND	83	55-125			
Di-n-octyl phthalate	2930	330	ug/kg	3330	ND	88	45-140			
Fluoranthene	3070	330	ug/kg	3330	ND	92	45-130			
Fluorene	2950	330	ug/kg	3330	ND	89	55-120			
Hexachlorobenzene	2570	330	ug/kg	3330	ND	77	35-120			
Hexachlorobutadiene	1970	330	ug/kg	3330	ND	59	40-120			
Hexachlorocyclopentadiene	1780	830	ug/kg	3330	ND	53	30-145			
Hexachloroethane	1810	330	ug/kg	3330	ND	54	40-120			
Indeno(1,2,3-cd)pyrene	3820	330	ug/kg	3330	ND	115	25-150			
Isophorone	2140	330	ug/kg	3330	ND	64	40-120			
2-Methylnaphthalene	2590	330	ug/kg	3330	ND	78	40-120			
2-Methylphenol	2210	330	ug/kg	3330	ND	66	40-120			
4-Methylphenol	2300	330	ug/kg	3330	ND	69	40-120			
Naphthalene	2440	330	ug/kg	3330	ND	73	40-120			
2-Nitroaniline	2780	330	ug/kg	3330	ND	83	55-130			
3-Nitroaniline	2720	330	ug/kg	3330	ND	82	40-140			
4-Nitroaniline	3240	830	ug/kg	3330	ND	97	40-160			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19041 Extracted: 05/19/04										
Matrix Spike Analyzed: 05/20/04 (4E19041-MS1)					Source: INE0917-02RE1					
Nitrobenzene	2100	330	ug/kg	3330	ND	63	45-120			
2-Nitrophenol	2100	330	ug/kg	3330	ND	63	40-120			
4-Nitrophenol	2890	830	ug/kg	3330	ND	87	35-135			
N-Nitrosodiphenylamine	2340	330	ug/kg	3330	ND	70	55-120			
N-Nitroso-di-n-propylamine	2160	250	ug/kg	3330	ND	65	40-120			
Pentachlorophenol	2780	830	ug/kg	3330	ND	83	40-120			
Phenanthrene	3000	330	ug/kg	3330	ND	90	55-120			
Phenol	2160	330	ug/kg	3330	ND	65	40-120			
Pyrene	3050	330	ug/kg	3330	ND	92	50-120			
1,2,4-Trichlorobenzene	2030	330	ug/kg	3330	ND	61	45-120			
2,4,5-Trichlorophenol	2680	330	ug/kg	3330	ND	80	55-120			
2,4,6-Trichlorophenol	2460	330	ug/kg	3330	ND	74	40-120			
1,2-Diphenylhydrazine/Azobenzene	2800	330	ug/kg	3330	ND	84	60-120			
Surrogate: 2-Fluorophenol	3920		ug/kg	6670		59	25-120			
Surrogate: Phenol-d6	4440		ug/kg	6670		67	30-120			
Surrogate: 2,4,6-Tribromophenol	5120		ug/kg	6670		77	35-120			
Surrogate: Nitrobenzene-d5	2030		ug/kg	3330		61	30-120			
Surrogate: 2-Fluorobiphenyl	2390		ug/kg	3330		72	35-120			
Surrogate: Terphenyl-d14	2850		ug/kg	3330		86	35-155			
Matrix Spike Dup Analyzed: 05/20/04 (4E19041-MSD1)					Source: INE0917-02RE1					
Acenaphthene	2380	330	ug/kg	3330	ND	71	45-120	3	20	
Acenaphthylene	2730	330	ug/kg	3330	ND	82	45-120	2	20	
Aniline	1660	420	ug/kg	3330	ND	50	30-120	2	25	
Anthracene	2990	330	ug/kg	3330	ND	90	55-120	1	20	
Benzidine	ND	660	ug/kg	3330	ND		10-180		25	M2
Benzoic acid	1950	830	ug/kg	3330	ND	59	20-125	10	25	
Benzo(a)anthracene	2900	330	ug/kg	3330	ND	87	55-120	1	20	
Benzo(b)fluoranthene	3530	330	ug/kg	3330	ND	106	65-120	0	20	
Benzo(k)fluoranthene	3440	330	ug/kg	3330	ND	103	55-120	1	20	
Benzo(g,h,i)perylene	3850	330	ug/kg	3330	ND	116	25-160	2	25	
Benzo(a)pyrene	3690	330	ug/kg	3330	ND	111	60-120	1	20	
Benzyl alcohol	2140	330	ug/kg	3330	ND	64	40-130	5	25	
Bis(2-chloroethoxy)methane	2210	330	ug/kg	3330	ND	66	45-120	2	20	
Bis(2-chloroethyl)ether	2060	170	ug/kg	3330	ND	62	40-120	4	25	
Bis(2-chloroisopropyl)ether	1980	330	ug/kg	3330	ND	59	40-120	4	25	

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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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19041 Extracted: 05/19/04										
Matrix Spike Dup Analyzed: 05/20/04 (4E19041-MSD1)					Source: INE0917-02RE1					
Bis(2-ethylhexyl)phthalate	2660	330	ug/kg	3330	ND	80	60-135	0	20	
4-Bromophenyl phenyl ether	2440	330	ug/kg	3330	ND	73	50-125	0	20	
Butyl benzyl phthalate	2580	330	ug/kg	3330	ND	77	55-150	2	20	
4-Chloroaniline	1870	330	ug/kg	3330	ND	56	20-120	1	25	
2-Chloronaphthalene	2190	330	ug/kg	3330	ND	66	55-120	2	20	
4-Chloro-3-methylphenol	2620	330	ug/kg	3330	ND	79	45-125	2	20	
2-Chlorophenol	1980	330	ug/kg	3330	ND	59	40-120	3	20	
4-Chlorophenyl phenyl ether	2810	330	ug/kg	3330	ND	84	55-120	3	20	
Chrysene	2820	330	ug/kg	3330	ND	85	60-120	2	20	
Dibenz(a,h)anthracene	4030	420	ug/kg	3330	ND	121	25-160	2	25	
Dibenzofuran	2410	330	ug/kg	3330	ND	72	55-120	3	20	
Di-n-butyl phthalate	3210	330	ug/kg	3330	ND	96	60-120	0	20	
1,3-Dichlorobenzene	1600	330	ug/kg	3330	ND	48	35-120	1	25	
1,4-Dichlorobenzene	1670	330	ug/kg	3330	ND	50	40-120	11	25	
1,2-Dichlorobenzene	1780	330	ug/kg	3330	ND	53	40-120	4	20	
3,3-Dichlorobenzidine	2420	830	ug/kg	3330	ND	73	20-170	0	25	
2,4-Dichlorophenol	2320	330	ug/kg	3330	ND	70	40-120	1	20	
Diethyl phthalate	2980	330	ug/kg	3330	ND	89	55-120	3	20	
2,4-Dimethylphenol	2010	330	ug/kg	3330	ND	60	35-120	5	25	
Dimethyl phthalate	2960	330	ug/kg	3330	ND	89	50-120	3	20	
4,6-Dinitro-2-methylphenol	2680	420	ug/kg	3330	ND	80	40-120	2	20	
2,4-Dinitrophenol	2320	420	ug/kg	3330	ND	70	20-140	3	25	
2,4-Dinitrotoluene	2860	330	ug/kg	3330	ND	86	55-140	5	20	
2,6-Dinitrotoluene	2700	330	ug/kg	3330	ND	81	55-125	3	20	
Di-n-octyl phthalate	2980	330	ug/kg	3330	ND	89	45-140	2	20	
Fluoranthene	3150	330	ug/kg	3330	ND	95	45-130	3	20	
Fluorene	2840	330	ug/kg	3330	ND	85	55-120	4	20	
Hexachlorobenzene	2440	330	ug/kg	3330	ND	73	35-120	5	25	
Hexachlorobutadiene	1950	330	ug/kg	3330	ND	59	40-120	1	20	
Hexachlorocyclopentadiene	1860	830	ug/kg	3330	ND	56	30-145	4	30	
Hexachloroethane	1690	330	ug/kg	3330	ND	51	40-120	7	20	
Indeno(1,2,3-cd)pyrene	3920	330	ug/kg	3330	ND	118	25-150	3	25	
Isophorone	2100	330	ug/kg	3330	ND	63	40-120	2	20	
2-Methylnaphthalene	2510	330	ug/kg	3330	ND	75	40-120	3	20	
2-Methylphenol	2170	330	ug/kg	3330	ND	65	40-120	2	20	

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19041 Extracted: 05/19/04										
Matrix Spike Dup Analyzed: 05/20/04 (4E19041-MSD1)					Source: INE0917-02RE1					
4-Methylphenol	2290	330	ug/kg	3330	ND	69	40-120	0	20	
Naphthalene	2370	330	ug/kg	3330	ND	71	40-120	3	20	
2-Nitroaniline	2750	330	ug/kg	3330	ND	83	55-130	1	20	
3-Nitroaniline	2700	330	ug/kg	3330	ND	81	40-140	1	25	
4-Nitroaniline	3100	830	ug/kg	3330	ND	93	40-160	4	20	
Nitrobenzene	2070	330	ug/kg	3330	ND	62	45-120	1	20	
2-Nitrophenol	2060	330	ug/kg	3330	ND	62	40-120	2	20	
4-Nitrophenol	2630	830	ug/kg	3330	ND	79	35-135	9	25	
N-Nitrosodiphenylamine	2360	330	ug/kg	3330	ND	71	55-120	1	20	
N-Nitroso-di-n-propylamine	2160	250	ug/kg	3330	ND	65	40-120	0	20	
Pentachlorophenol	2710	830	ug/kg	3330	ND	81	40-120	3	20	
Phenanthrene	2950	330	ug/kg	3330	ND	89	55-120	2	20	
Phenol	2120	330	ug/kg	3330	ND	64	40-120	2	20	
Pyrene	2970	330	ug/kg	3330	ND	89	50-120	3	20	
1,2,4-Trichlorobenzene	1970	330	ug/kg	3330	ND	59	45-120	3	20	
2,4,5-Trichlorophenol	2690	330	ug/kg	3330	ND	81	55-120	0	20	
2,4,6-Trichlorophenol	2430	330	ug/kg	3330	ND	73	40-120	1	20	
1,2-Diphenylhydrazine/Azobenzene	2710	330	ug/kg	3330	ND	81	60-120	3	20	
Surrogate: 2-Fluorophenol	3860		ug/kg	6670		58	25-120			
Surrogate: Phenol-d6	4370		ug/kg	6670		66	30-120			
Surrogate: 2,4,6-Tribromophenol	5100		ug/kg	6670		76	35-120			
Surrogate: Nitrobenzene-d5	2010		ug/kg	3330		60	30-120			
Surrogate: 2-Fluorobiphenyl	2400		ug/kg	3330		72	35-120			
Surrogate: Terphenyl-d14	2770		ug/kg	3330		83	35-155			

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METHOD BLANK/QC DATA
ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F10098 Extracted: 05/20/04										
Blank Analyzed: 06/11/04 (4F10098-BLK1)										
Aldrin	ND	6.2	ug/kg							
alpha-BHC	ND	6.2	ug/kg							
beta-BHC	ND	6.2	ug/kg							
delta-BHC	ND	12	ug/kg							
gamma-BHC (Lindane)	ND	6.2	ug/kg							
Chlordane	ND	62	ug/kg							
4,4'-DDD	ND	6.2	ug/kg							
4,4'-DDE	ND	6.2	ug/kg							
4,4'-DDT	ND	6.2	ug/kg							
Dieldrin	ND	6.2	ug/kg							
Endosulfan I	ND	6.2	ug/kg							
Endosulfan II	ND	6.2	ug/kg							
Endosulfan sulfate	ND	12	ug/kg							
Endrin	ND	6.2	ug/kg							
Endrin aldehyde	ND	6.2	ug/kg							
Endrin ketone	ND	6.2	ug/kg							
Heptachlor	ND	6.2	ug/kg							
Heptachlor epoxide	ND	6.2	ug/kg							
Methoxychlor	ND	6.2	ug/kg							
Toxaphene	ND	250	ug/kg							
Surrogate: Tetrachloro-m-xylene	12.9		ug/kg	16.7		77	35-115			
Surrogate: Decachlorobiphenyl	32.3		ug/kg	33.3		97	45-125			
LCS Analyzed: 06/11/04 (4F10098-BS1)										
Aldrin	2.57	6.2	ug/kg	3.33		77	50-115			A-01
alpha-BHC	2.55	6.2	ug/kg	3.33		77	55-115			
beta-BHC	3.80	6.2	ug/kg	3.33		114	55-115			
delta-BHC	2.63	12	ug/kg	3.33		79	60-115			
gamma-BHC (Lindane)	2.77	6.2	ug/kg	3.33		83	55-115			
4,4'-DDD	18.3	6.2	ug/kg	20.0		92	65-115			
4,4'-DDE	6.00	6.2	ug/kg	6.67		90	65-115			
4,4'-DDT	18.5	6.2	ug/kg	20.0		92	70-125			
Dieldrin	5.74	6.2	ug/kg	6.67		86	65-115			
Endosulfan I	5.31	6.2	ug/kg	6.67		80	60-115			
Endosulfan II	5.95	6.2	ug/kg	6.67		89	70-115			
Endosulfan sulfate	18.3	12	ug/kg	20.0		92	65-115			

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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F10098 Extracted: 05/20/04										
LCS Analyzed: 06/11/04 (4F10098-BS1)										
Endrin	5.80	6.2	ug/kg	6.67		87	70-115			A-01
Endrin aldehyde	17.7	6.2	ug/kg	20.0		88	55-115			
Endrin ketone	19.2	6.2	ug/kg	20.0		96	65-115			
Heptachlor	3.02	6.2	ug/kg	3.33		91	50-115			
Heptachlor epoxide	2.95	6.2	ug/kg	3.33		89	60-115			
Methoxychlor	12.9	6.2	ug/kg	13.3		97	65-125			
Surrogate: Tetrachloro-m-xylene	11.0		ug/kg	13.3		83	35-115			
Surrogate: Decachlorobiphenyl	26.0		ug/kg	26.7		97	45-125			

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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: 4E20076 Extracted: 05/20/04										
Blank Analyzed: 05/21/04 (4E20076-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: 05/21/04 (4E20076-BS1)										
Antimony	50.6	10	mg/kg	50.0		101	80-120			
Arsenic	48.6	2.0	mg/kg	50.0		97	80-120			
Barium	50.6	1.0	mg/kg	50.0		101	80-120			
Beryllium	49.7	0.50	mg/kg	50.0		99	80-120			
Cadmium	48.4	0.50	mg/kg	50.0		97	80-120			
Chromium	49.2	1.0	mg/kg	50.0		98	80-120			
Cobalt	50.4	1.0	mg/kg	50.0		101	80-120			
Copper	48.9	2.0	mg/kg	50.0		98	80-120			
Lead	49.2	2.0	mg/kg	50.0		98	80-120			
Molybdenum	50.2	2.0	mg/kg	50.0		100	80-120			
Nickel	48.4	2.0	mg/kg	50.0		97	80-120			
Selenium	43.8	2.0	mg/kg	50.0		88	80-120			
Silver	24.9	1.0	mg/kg	25.0		100	80-120			
Thallium	46.4	10	mg/kg	50.0		93	80-120			
Vanadium	51.0	1.0	mg/kg	50.0		102	80-120			
Zinc	47.1	5.0	mg/kg	50.0		94	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E20076 Extracted: 05/20/04										
Matrix Spike Analyzed: 05/21/04 (4E20076-MS1)					Source: INE0971-01					
Antimony	23.1	10	mg/kg	50.0	ND	46	75-125			M2
Arsenic	53.0	2.0	mg/kg	50.0	6.0	94	75-125			
Barium	111	1.0	mg/kg	50.0	58	106	75-125			
Beryllium	49.8	0.50	mg/kg	50.0	0.44	99	75-125			
Cadmium	47.8	0.50	mg/kg	50.0	0.33	95	75-125			
Chromium	69.5	1.0	mg/kg	50.0	21	97	75-125			
Cobalt	55.0	1.0	mg/kg	50.0	5.3	99	75-125			
Copper	60.6	2.0	mg/kg	50.0	9.1	103	75-125			
Lead	56.5	2.0	mg/kg	50.0	8.5	96	75-125			
Molybdenum	48.6	2.0	mg/kg	50.0	0.34	97	75-125			
Nickel	63.4	2.0	mg/kg	50.0	15	97	75-125			
Selenium	43.7	2.0	mg/kg	50.0	ND	87	75-125			
Silver	24.9	1.0	mg/kg	25.0	ND	100	75-125			
Thallium	46.8	10	mg/kg	50.0	0.70	92	75-125			
Vanadium	90.6	1.0	mg/kg	50.0	37	107	75-125			
Zinc	94.2	5.0	mg/kg	50.0	46	96	75-125			
Matrix Spike Dup Analyzed: 05/21/04 (4E20076-MSD1)					Source: INE0971-01					
Antimony	23.1	10	mg/kg	50.0	ND	46	75-125	0	20	M2
Arsenic	52.2	2.0	mg/kg	50.0	6.0	92	75-125	2	20	
Barium	112	1.0	mg/kg	50.0	58	108	75-125	1	20	
Beryllium	49.0	0.50	mg/kg	50.0	0.44	97	75-125	2	20	
Cadmium	46.8	0.50	mg/kg	50.0	0.33	93	75-125	2	20	
Chromium	70.0	1.0	mg/kg	50.0	21	98	75-125	1	20	
Cobalt	54.0	1.0	mg/kg	50.0	5.3	97	75-125	2	20	
Copper	60.1	2.0	mg/kg	50.0	9.1	102	75-125	1	20	
Lead	55.6	2.0	mg/kg	50.0	8.5	94	75-125	2	20	
Molybdenum	47.6	2.0	mg/kg	50.0	0.34	95	75-125	2	20	
Nickel	62.3	2.0	mg/kg	50.0	15	95	75-125	2	20	
Selenium	43.6	2.0	mg/kg	50.0	ND	87	75-125	0	20	
Silver	24.6	1.0	mg/kg	25.0	ND	98	75-125	1	20	
Thallium	46.5	10	mg/kg	50.0	0.70	92	75-125	1	20	
Vanadium	90.5	1.0	mg/kg	50.0	37	107	75-125	0	20	
Zinc	95.6	5.0	mg/kg	50.0	46	99	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: 4E20115 Extracted: 05/20/04										
Blank Analyzed: 05/20/04 (4E20115-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 05/20/04 (4E20115-BS1)										
Mercury	0.831	0.020	mg/kg	0.800		104	85-120			
Matrix Spike Analyzed: 05/20/04 (4E20115-MS1)										
					Source: INE1253-02					
Mercury	0.849	0.020	mg/kg	0.800	0.0082	105	65-135			
Matrix Spike Dup Analyzed: 05/20/04 (4E20115-MSD1)										
					Source: INE1253-02					
Mercury	0.861	0.020	mg/kg	0.800	0.0082	107	65-135	1	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: 4E18054 Extracted: 05/18/04										
Duplicate Analyzed: 05/18/04 (4E18054-DUP1)										
pH	8.94	NA	pH Units		8.92			0	5	
Batch: 4E19074 Extracted: 05/19/04										
Blank Analyzed: 05/20/04 (4E19074-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 05/20/04 (4E19074-BS1)										
Chromium VI	4.27	0.20	mg/kg	5.00		85	65-110			
Matrix Spike Analyzed: 05/20/04 (4E19074-MS1)										
Chromium VI	0.0190	0.20	mg/kg	5.00	0.020	0	55-110			M2
Matrix Spike Dup Analyzed: 05/20/04 (4E19074-MSD1)										
Chromium VI	0.0263	0.20	mg/kg	5.00	0.020	0	55-110	32	20	M2, R-3
Batch: 4E19094 Extracted: 05/19/04										
Blank Analyzed: 05/19/04 (4E19094-BLK1)										
Oil & Grease	ND	5.0	mg/kg							
LCS Analyzed: 05/19/04 (4E19094-BS1)										
Oil & Grease	17.3	5.0	mg/kg	20.0		86	55-130			
Matrix Spike Analyzed: 05/19/04 (4E19094-MS1)										
Oil & Grease	1520	50	mg/kg	20.0	1600	-400	35-130			M-HA

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 SB0202/31
 Report Number: INE0965

Sampled: 05/17/04
 Received: 05/17/04

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19094 Extracted: 05/19/04										
Matrix Spike Dup Analyzed: 05/19/04 (4E19094-MSD1)					Source: INE1120-02					
Oil & Grease	1450	50	mg/kg	20.0	1600	-750	35-130	5	25	M-HA

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: INE0965

Sampled: 05/17/04
 Received: 05/17/04

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: 4E20008 Extracted: 05/20/04										
Blank Analyzed: 05/22/04 (4E20008-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	27.8		ug/kg	16.7		166	23-151			S01
Surrogate: Decachlorobiphenyl	59.4		ug/kg	33.3		178	26-142			S01
LCS Analyzed: 05/22/04 (4E20008-BS1)										
PCB-1260	97.9	20	ug/kg	83.3		118	47-126			C-06
Surrogate: Tetrachloro-m-xylene	20.1		ug/kg	16.7		120	23-151			
Surrogate: Decachlorobiphenyl	40.2		ug/kg	33.3		121	26-142			
Matrix Spike Analyzed: 05/22/04 (4E20008-MS1)										
					Source: MNE0492-06					
PCB-1260	74.2	20	ug/kg	83.3	ND	89	47-126			C-06
Surrogate: Tetrachloro-m-xylene	10.6		ug/kg	16.7		64	23-151			
Surrogate: Decachlorobiphenyl	27.2		ug/kg	33.3		82	26-142			
Matrix Spike Dup Analyzed: 05/22/04 (4E20008-MSD1)										
					Source: MNE0492-06					
PCB-1260	85.6	20	ug/kg	83.3	ND	103	47-126	14	37	C-06
Surrogate: Tetrachloro-m-xylene	15.7		ug/kg	16.7		94	23-151			
Surrogate: Decachlorobiphenyl	33.8		ug/kg	33.3		102	26-142			

Del Mar Analytical, Irvine
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GC CALIBRATION CHECK CRITERIA

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

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

<u>Compound</u>	<u>Footnote</u>	<u>Calibration Check % Recovery</u>	<u>Lab Number</u>	<u>Batch</u>
4,4'-DDD	1	140	INE0965-01	4F10098
4,4'-DDT	2	15	INE0965-01	4F10098
Endosulfan sulfate	2	82	INE0965-01	4F10098
Endrin	2	83	INE0965-01	4F10098
Endrin ketone	2	44	INE0965-01	4F10098
Heptachlor	2	62	INE0965-01	4F10098
Methoxychlor	2	21	INE0965-01	4F10098

Footnotes:

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

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: INE0965

Sampled: 05/17/04
Received: 05/17/04

DATA QUALIFIERS AND DEFINITIONS

- A-01** An MS/MSD was not reported with the batch because the unspiked source sample was not available. See LCS.
- A-01a** Possible false positive due to matrix interference.
- C-06** To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
- C-1** Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- C-2** Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- 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.
- S01** The surrogate recovery was above control limits. The result may still be useful for its intended purpose.
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

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

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

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

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: INE0965

Sampled: 05/17/04
 Received: 05/17/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 3545/8081A	Soil	X	X
EPA 413.2 MOD.	Soil	N/A	N/A
EPA 418.1	Soil	X	X
EPA 6010B	Soil	X	X
EPA 7199	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil-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: INE0965-01

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

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 8082

Samples: INE0965-01

Del Mar Analytical, Irvine

Amanda Cordova

Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92608 (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 (658) 505-8596 FAX (658) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

Client Name/Address: Geosyntec 2100 Main St. #150 Huntington Beach CA 92648		P.O. #: SB0202/31		ANALYSIS REQUIRED			
Project Manager/Phone Number: Mike Reardon (714) 969-0800		Project: ASCON LF		INE09165			
Sampler: Lauren Dagr		Phone Number: (714) 969-0800					
Sample Description: PNL-TPOL-Stockpile Soil		Fax Number: (714) 969-0820		See Attached List			
Sample Matrix:	Container Type:	# of Containers:	Sampling Date/Time:	Preservation:	Special Instructions:		
	Glass	2	5/17/04/1400	None			
X							
Relinquished By: Lauren Dagr		Date/Time: 5/17/04	Received By: [Signature]	Date/Time: 05/17/04 @ 15:15	Turnaround Time: (check)		
Relinquished By: [Signature]		Date/Time: 05/17/04 @ 16:45	Received By: Subherish	Date/Time: 5-17-07 1645	Same Day	72 Hours	
Relinquished By: Subherish		Date/Time: 5-17-07 17:10	Received By: [Signature]	Date/Time: 5/17/07 17:10	24 Hours	5 days	
				Sample Integrity: (Check)	normal		
				Intact	X		On Ice: 4' C



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



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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

June 10, 2004

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

Attention: Mike Reardon

Subject: Ascon-Soils
Sampled: 05/17/04
Del Mar Analytical Report Number: INE0965

Dear Mr. Reardon:

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

Geosyntec ID	Del Mar – Irvine ID	Calscience ID
PNL-TP01-Stockpile	INE0965-01	04-05-1716-1

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

Sincerely,
DEL MAR ANALYTICAL

Amanda Cordova
Project Manager

Enclosure

June 04, 2004

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

Subject: **Calscience Work Order No.: 04-05-1716**
Client Reference: INE0965

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/29/2004 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,



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



Michael J. Crisostomo
Quality Assurance Manager

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

Date Received: 05/29/04
 Work Order No: 04-05-1716
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: INE0965

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0965-01	04-05-1716-1	05/17/04	Solid	06/03/04	06/03/04	040603L07

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

Method Blank		099-10-020-202	N/A		Solid	06/03/04	06/03/04	040603L07
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Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

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

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

Date Received: 05/29/04
 Work Order No: 04-05-1716
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: INE0965

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-05-1718-1	Solid	FLAA	06/03/04	06/03/04	040603S07

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Organic Lead	92	92	50-130	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience

Environmental

Laboratories, Inc.

Quality Control - Laboratory Control Sample



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

Date Received: N/A
Work Order No: 04-05-1716
Preparation: DHS LUFT
Method: DHS LUFT

Project: INE0965

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-202	Solid	FLAA	06/03/04	NONE	040603L07

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	23.8	95	50-130	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 04-05-1716

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



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 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0965

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

04-05-1716

Work Order Comments: ~~_____ charge \$80 for 8001. Partially. Prices include cleanup fees.~~

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

Analysis	Expiration	Comments
Sample ID: INE0965-01 Soil	Sampled: 05/17/04 14:00	
Organic Lead-Out	05/31/04 14:00	Sub to Calscience

Containers Supplied:
 8 oz Jar (INE0965-01A)

SAMPLE INTEGRITY:

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

Released By: [Signature] Date: 5/29/04 Time: _____
 Received By: [Signature] Date: 5/29/04 Time: 1210