Attachment 2
Soil Analytical Results
Laboratory Data Sheets

SEVERN TRENT STL

STL Pittsburgh
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Pittsburgh, PA 15238

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ANALYTICAL REPORT

PROJECT NO. BAPC

Novel/Rochester, PA

Lot #: C6K240118

Gene Stuthers

Novel Geo-Environmental, LLC

SEVERN TRENT LABORATORIES, INC.

Kathryn L. Bort
Project Manager

December 15, 2006

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH

NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State Program	Certificate #	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California – nelac	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – nelac	(#E87660)	WW	X
		HW	X
Illinois – nelac	(#200005)	WW	X
		HW	X
Kansas – nelac	(#E-10350)	WW	X
		HW	X
Louisiana – nelac	(#93200)	WW	X
		HW	X
New Hampshire – nelac	(#203002)	WW	X
		--	--
New Jersey – nelac	(PA-005)	WW	X
		HW	X
New York – nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
Pennsylvania - nelac	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah – nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 04/27/06

Novel Geo-Environmental, LLC

STL Lot # C6K240118

Sample Receiving:
STL Pittsburgh received samples on November 24, 2006. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, and batch QC was completed on these samples, anomalous results are discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The following compounds had the %D > 25% in the calibration verification standard CC61128N; but were within the expected performance range for these compounds: 4-Methyl-2-pentanone 26.5%, Chloroethane –26.0% and Methylcyclohexane –32.0%.

The internal standard areas recovered outside of criteria in both the initial and the reanalysis for sample SB-09-04. Only the reanalysis will be reported, since matrix effect with recovery was confirmed by the initial analysis.

Methylene chloride was detected in the method blanks below the reporting limit but above the MDL for batches 6333082 and 6334054. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected is with a "B" qualifier.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Reporting limits for the aqueous samples were adjusted due to the amount of sample used in the extraction procedure.

Due to matrix interference, several samples were analyzed at a dilution.

The surrogate recovery of terphenyl-d14 was outside QC limits for sample SB-09 0-4.

Novel Geo-Environmental, LLC

STL Lot # C6K240118

GC/MS Semivolatiles SIM:
Samples required both full scan 8270 and SIM analysis. The analyses were done on a single extract. Samples were spiked with regular 8270 surrogate and matrix spike solutions. The QC establishing extraction performance is reported from the full scan 8270 run. The spike data is above the calibration range for the SIM analysis. These spikes would therefore not be expected to be within range for the SIM analysis and are therefore not reported on the SIM result forms. The injection performance on the SIM run may be monitored through the IS recoveries. The surrogate information is also available for qualitative review in the raw SIM data.

Due to the concentration of compounds detected, several samples were analyzed at a dilution.

Reporting limits for the aqueous samples were adjusted due to the amount of sample used in the extraction procedure.

PCBs:
Reporting limits for the aqueous samples were adjusted due to the amount of sample used in the extraction procedure.

Metals:
The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spike and matrix spike duplicate recoveries for sample SB-01 4-8 were outside the control limits for barium, antimony and zinc. The matrix spike was outside control limits for lead.

The concentrations of aluminum, iron, and manganese in sample SB-01 4-8 were greater than 4X the spike added, therefore the matrix spike and matrix spike duplicate recoveries were not calculated (NC).

The concentration of lead in sample SB-09 0-4 was over the instrument's linear range and required dilution.

The matrix spike and matrix spike duplicate recoveries for sample TMW-2 were outside the control limits for barium, and beryllium.

The concentrations of iron and manganese in sample TMW-2 were greater than 4X the spike added, therefore the matrix spike and matrix spike duplicate recoveries were not calculated (NC).

Novel Geo-Environmental, LLC

STL Lot # C6K240118

General Chemistry:
There were no problems associated with the analysis.

METHODS SUMMARY

C6K240118

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
ICP-MS (6020)	SW846 6020	SW846 3010
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3541
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
8270C (SIM)	SW846 8270C SIM	SW846 3520C
8270C (SIM)	SW846 8270C SIM	SW846 3541

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C6K240118

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JKAW2	001	SB-01 4-8	11/21/06	08:27
JKAW3	002	SB-02 0-4	11/21/06	09:45
JKAW5	003	SB-03 0-4	11/21/06	14:10
JKAW6	004	SB-04 0-4	11/21/06	11:29
JKAW7	005	SB-05 8-12	11/21/06	10:25
JKAW8	006	SB-06 0-4	11/21/06	10:56
JKAXA	007	SB-07 0-4	11/21/06	15:46
JKAXC	008	SB-08 0-4	11/22/06	07:07
JKAXD	009	SB-09 0-4	11/22/06	07:40
JKAXE	010	SB-10 0-4	11/21/06	13:50
JKAXG	011	SB-11 0-4	11/22/06	08:15
JKAXH	012	SB-12 12-16	11/22/06	14:50
JKAXK	013	TMW-2	11/22/06	09:45
JKAXL	014	TMW-1	11/22/06	09:10
JKAXN	015	TMW-3	11/22/06	13:25
JKAXP	016	TMW-4	11/22/06	10:20
JKAXQ	017	TMW-5	11/22/06	14:10
JKAXR	018	TRIP BLANK 2	11/22/06	
JKAXT	019	TRIP BLANK 1	11/22/06	

NOTE(S):

The analytical results of the samples listed above are presented on the following pages.

- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

C6K240118

Chain of Custody Record

STL-4124 (0901)

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client: Mac-Gray Environmental	Project Manager: Gene Stefero	Date: 11/22/06	Chain of Custody Number: 189707
Address: 100 Commercial St	Telephone Number (Area Code)/Fax Number: 412-219-1638	Lab Number: C6K240118	Page 1 of 1
City: Bridgeville / State: PA / Zip Code: 15017	Site Contact	Lab Contact	
Project Name and Location (State): BAPC Rochester, PA	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Methanol	Analysis (Attach list if more space is needed): TCL VOAs	PCBs	TCL SVOAs	TAL Met/CN's
SB-01 4-8	11/21/06	8:27				X	5						1	4	1	1	
SB-02 2-4	11/21/06	9:45				X	5						1	4	1	1	
SB-03 0-4	11/21/06	2:10				X	5						1	4	1	1	
SB-04 0-4	11/21/06	11:29				X	5						1	4	1	1	
SB-05 8-10	11/21/06	10:25				X	5						1	4	1	1	
SB-06 0-4	11/21/06	10:56				X	5						1	4	1	1	
SB-07 2-4	11/21/06	3:46				X	5						1	4	1	1	
SB-08 0-4	11/22/06	7:07				X	5						1	4	1	1	
SB-09 0-4	11/22/06	7:40				X	5						1	4	1	1	
SB-10 0-4	11/21/06	1:50				X	5						1	4	1	1	
SB-11 0-4	11/22/06	8:15				X	5						1	4	1	1	
SB-12 12-16	11/21/06	2:50				X	5						1	4	1	1	

Special Instructions / Conditions of Receipt:

All SVOAs SIM PAH

VOC vials frozen in freezer on Wed 11/22, and Tues 11/21

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify)

1. Relinquished By	Date: 11/24/06	Time: 8:15	1. Received By	Date: 11/24/06	Time: 8:1
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC/MS Volatiles

Lot-Sample #...: C6K240118-001 Work Order #...: JKAW21AC Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06 MS Run #.....: 6333050
Prep Date.....: 11/29/06 Analysis Date..: 11/29/06
Prep Batch #...: 6333082 Analysis Time..: 11:00
Dilution Factor: 1.02
% Moisture.....: 19 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**38**	**25**	**ug/kg**
Benzene	ND	6.3	ug/kg
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone	**9.9**	**6.3**	**ug/kg**
Carbon disulfide	ND	6.3	ug/kg
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
Cyclohexane	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg
1,2-Dibromoethane	ND	6.3	ug/kg
1,3-Dichlorobenzene	ND	6.3	ug/kg
1,4-Dichlorobenzene	ND	6.3	ug/kg
1,2-Dichlorobenzene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
cis-1,2-Dichloroethene	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
Ethylbenzene	ND	6.3	ug/kg
2-Hexanone	ND	6.3	ug/kg
Isopropylbenzene	ND	6.3	ug/kg
Methyl acetate	ND	6.3	ug/kg
Methylene chloride	**2.6 J,B**	**6.3**	**ug/kg**
Methylcyclohexane	ND	6.3	ug/kg
4-Methyl-2-pentanone	ND	6.3	ug/kg
Methyl tert-butyl ether	ND	6.3	ug/kg
Styrene	ND	6.3	ug/kg

(Continued on next page)

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC/MS Volatiles

Lot-Sample #...: C6K240118-001 Work Order #...: JKAW21AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
1,2,4-Trichloro-benzene	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg
Toluene	ND	6.3	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	68	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	110	(63 - 120)
Dibromofluoromethane	76	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-001	**Work Order #...:** JKAW21AD	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 20:10	
Dilution Factor: 5		
% Moisture.....: 19	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2000	ug/kg
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**56 J**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9900	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9900	ug/kg
2,4-Dinitrophenol	ND	9900	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9900	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-001 Work Order #...: JKAW21AD Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**170 J**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	ND	2000	ug/kg
2-Nitroaniline	ND	9900	ug/kg
3-Nitroaniline	ND	9900	ug/kg
4-Nitroaniline	ND	9900	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9900	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(21 - 144)
2-Fluorobiphenyl	66	(26 - 128)
2-Fluorophenol	73	(34 - 115)
Nitrobenzene-d5	68	(30 - 118)
Phenol-d5	72	(35 - 117)
Terphenyl-d14	74	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-001	Work Order #...: JKAW21AE	Matrix.....: SOLID
Date Sampled...: 11/21/06	Date Received..: 11/24/06	MS Run #.....: 6333005
Prep Date.....: 11/29/06	Analysis Date..: 11/29/06	
Prep Batch #...: 6333013	Analysis Time..: 20:11	
Dilution Factor: 1		
% Moisture.....: 19	Method.....: SW846 8270C SIM	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	130	8.2	ug/kg
Acenaphthylene	26	8.2	ug/kg
Acenaphthene	14	8.2	ug/kg
Fluorene	32	8.2	ug/kg
Phenanthrene	260	8.2	ug/kg
Anthracene	53	8.2	ug/kg
Fluoranthene	300	8.2	ug/kg
Pyrene	260	8.2	ug/kg
Benzo(a)anthracene	170	8.2	ug/kg
Chrysene	200	8.2	ug/kg
Benzo(b)fluoranthene	200	8.2	ug/kg
Benzo(k)fluoranthene	64	8.2	ug/kg
Benzo(a)pyrene	150	8.2	ug/kg
Indeno(1,2,3-cd)pyrene	99	8.2	ug/kg
Dibenzo(a,h)anthracene	31	8.2	ug/kg
Benzo(ghi)perylene	120	8.2	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

GC Semivolatiles

Lot-Sample #...: C6K240118-001	**Work Order #...:** JKAW21AF	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 16:09	
Dilution Factor: 1		
% Moisture.....: 19	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	41	ug/kg
Aroclor 1221	ND	41	ug/kg
Aroclor 1232	ND	41	ug/kg
Aroclor 1242	ND	41	ug/kg
Aroclor 1248	ND	41	ug/kg
Aroclor 1254	ND	41	ug/kg
Aroclor 1260	ND	41	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(31 - 127)
Decachlorobiphenyl	89	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

TOTAL Metals

Lot-Sample #...: C6K240118-001
Date Sampled...: 11/21/06 Date Received..: 11/24/06 Matrix.....: SOLID
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.20 B,J	0.62	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AG
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Aluminum	8590 J	24.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AH
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Arsenic	14.5	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AJ
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Barium	246	24.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AK
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Beryllium	0.80	0.49	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AL
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Calcium	2990	617	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AM
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Cadmium	ND	0.62	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AN
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Cobalt	9.2	6.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AP
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Chromium	15.5 J	0.62	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AQ
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Copper	21.6 J	3.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AR
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Iron	34200	12.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AT
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Potassium	893 J	617	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AU
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

TOTAL Metals

Lot-Sample #...: C6K240118-001 , Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1860	617	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AV
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Manganese	704	1.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AW
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Sodium	263 B	617	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21AX
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Nickel	20.0	4.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A0
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Lead	44.9 J	0.37	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A1
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Selenium	0.92	0.62	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A2
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Thallium	0.74 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A3
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Antimony	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A4
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Vanadium	21.6	6.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A5
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Zinc	77.4 J	2.5	mg/kg	SW846 6010B	12/08-12/11/06	JKAW21A6
		Dilution Factor: 1		Analysis Time..: 13:20	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.18 J	0.041	mg/kg	SW846 7471A	12/13/06	JKAW21AA
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-01 4-8

General Chemistry

Lot-Sample #...: C6K240118-001 Work Order #...: JKAW2 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	81.0		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC/MS Volatiles

Lot-Sample #...:	C6K240118-002	**Work Order #...:**	JKAW31AL	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6333050
Prep Date.....:	11/29/06	**Analysis Date..:**	11/29/06		
Prep Batch #...:	6333082	**Analysis Time..:**	11:25		
Dilution Factor:	0.99				
% Moisture.....:	16	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**41**	**24**	**ug/kg**
Benzene	ND	5.9	ug/kg
Bromodichloromethane	ND	5.9	ug/kg
Bromoform	ND	5.9	ug/kg
Bromomethane	ND	5.9	ug/kg
2-Butanone	**7.8**	**5.9**	**ug/kg**
Carbon disulfide	ND	5.9	ug/kg
Carbon tetrachloride	ND	5.9	ug/kg
Chlorobenzene	ND	5.9	ug/kg
Chloroethane	ND	5.9	ug/kg
Chloroform	ND	5.9	ug/kg
Chloromethane	ND	5.9	ug/kg
Cyclohexane	ND	5.9	ug/kg
Dibromochloromethane	ND	5.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg
1,2-Dibromoethane	ND	5.9	ug/kg
1,3-Dichlorobenzene	ND	5.9	ug/kg
1,4-Dichlorobenzene	ND	5.9	ug/kg
1,2-Dichlorobenzene	ND	5.9	ug/kg
Dichlorodifluoromethane	ND	5.9	ug/kg
1,1-Dichloroethane	ND	5.9	ug/kg
1,2-Dichloroethane	ND	5.9	ug/kg
1,1-Dichloroethene	ND	5.9	ug/kg
cis-1,2-Dichloroethene	ND	5.9	ug/kg
trans-1,2-Dichloroethene	ND	5.9	ug/kg
1,2-Dichloropropane	ND	5.9	ug/kg
cis-1,3-Dichloropropene	ND	5.9	ug/kg
trans-1,3-Dichloropropene	ND	5.9	ug/kg
Ethylbenzene	ND	5.9	ug/kg
2-Hexanone	ND	5.9	ug/kg
Isopropylbenzene	ND	5.9	ug/kg
Methyl acetate	ND	5.9	ug/kg
Methylene chloride	**2.5 J,B**	**5.9**	**ug/kg**
Methylcyclohexane	ND	5.9	ug/kg
4-Methyl-2-pentanone	ND	5.9	ug/kg
Methyl tert-butyl ether	ND	5.9	ug/kg
Styrene	ND	5.9	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-002 Work Order #...: JKAW31AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg
1,2,4-Trichloro-benzene	ND	5.9	ug/kg
Tetrachloroethene	ND	5.9	ug/kg
1,1,1-Trichloroethane	ND	5.9	ug/kg
1,1,2-Trichloroethane	ND	5.9	ug/kg
Trichloroethene	ND	5.9	ug/kg
Trichlorofluoromethane	ND	5.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg
Toluene	ND	5.9	ug/kg
Vinyl chloride	ND	5.9	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	68	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	108	(63 - 120)
Dibromofluoromethane	77	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-002	**Work Order #...:** JKAW31AM	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 20:38	
Dilution Factor: 5		
% Moisture.....: 16	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2000	ug/kg
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**130 J**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9500	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9500	ug/kg
2,4-Dinitrophenol	ND	9500	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9500	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-002 Work Order #...: JKAW31AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**440 J**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	**92 J**	**2000**	**ug/kg**
2-Nitroaniline	ND	9500	ug/kg
3-Nitroaniline	ND	9500	ug/kg
4-Nitroaniline	ND	9500	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9500	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9500	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	73	(34 - 115)
Nitrobenzene-d5	70	(30 - 118)
Phenol-d5	74	(35 - 117)
Terphenyl-d14	79	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-002	Work Order #...: JKAW31AN	Matrix.....: SOLID
Date Sampled...: 11/21/06	Date Received..: 11/24/06	MS Run #.....: 6333005
Prep Date.....: 11/29/06	Analysis Date..: 11/29/06	
Prep Batch #...: 6333013	Analysis Time..: 20:39	
Dilution Factor: 4		
% Moisture.....: 16	Method.....: SW846 8270C SIM	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	330	32	ug/kg
Acenaphthylene	140	32	ug/kg
Acenaphthene	25 J	32	ug/kg
Fluorene	44	32	ug/kg
Phenanthrene	610	32	ug/kg
Anthracene	150	32	ug/kg
Fluoranthene	600	32	ug/kg
Pyrene	630	32	ug/kg
Benzo(a)anthracene	410	32	ug/kg
Chrysene	500	32	ug/kg
Benzo(b)fluoranthene	670	32	ug/kg
Benzo(k)fluoranthene	ND	32	ug/kg
Benzo(a)pyrene	370	32	ug/kg
Indeno(1,2,3-cd)pyrene	270	32	ug/kg
Dibenzo(a,h)anthracene	90	32	ug/kg
Benzo(ghi)perylene	320	32	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-002	**Work Order #...:** JKAW31AP	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 16:30	
Dilution Factor: 1		
% Moisture.....: 16	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	**81**	**39**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(31 - 127)
Decachlorobiphenyl	95	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-002
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	1.0 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AQ
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Aluminum	4550 J	23.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AR
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Arsenic	9.6	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AT
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Barium	97.2	23.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AU
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Beryllium	0.70	0.48	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AV
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Calcium	10100	594	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AW
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Cadmium	3.1	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AX
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Cobalt	4.3 B	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A0
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Chromium	47.8 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A1
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Copper	75.6 J	3.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A2
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Iron	15700	11.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A3
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Potassium	455 B,J	594	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A4
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1940	594	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A5
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Manganese	369	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A6
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Sodium	67.3 B	594	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31A7
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Nickel	12.2	4.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AA
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Lead	192 J	0.36	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AC
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Selenium	1.2	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AD
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AE
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Antimony	0.91 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AF
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Vanadium	15.9	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AG
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Zinc	504 J	2.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAW31AH
		Dilution Factor: 1		Analysis Time..: 13:42	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	1.2 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAW31AK
		Dilution Factor: 1		Analysis Time..: 09:35	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-02 0-4

General Chemistry

Lot-Sample #...: C6K240118-002 Work Order #...: JKAW3 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.2		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-003	**Work Order #...:** JKAW51AL	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 11:48	
Dilution Factor: 1.01		
% Moisture.....: 14	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	5.9	ug/kg
Bromodichloromethane	ND	5.9	ug/kg
Bromoform	ND	5.9	ug/kg
Bromomethane	ND	5.9	ug/kg
2-Butanone	ND	5.9	ug/kg
Carbon disulfide	ND	5.9	ug/kg
Carbon tetrachloride	ND	5.9	ug/kg
Chlorobenzene	ND	5.9	ug/kg
Chloroethane	ND	5.9	ug/kg
Chloroform	ND	5.9	ug/kg
Chloromethane	ND	5.9	ug/kg
Cyclohexane	ND	5.9	ug/kg
Dibromochloromethane	ND	5.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg
1,2-Dibromoethane	ND	5.9	ug/kg
1,3-Dichlorobenzene	ND	5.9	ug/kg
1,4-Dichlorobenzene	ND	5.9	ug/kg
1,2-Dichlorobenzene	ND	5.9	ug/kg
Dichlorodifluoromethane	ND	5.9	ug/kg
1,1-Dichloroethane	ND	5.9	ug/kg
1,2-Dichloroethane	ND	5.9	ug/kg
1,1-Dichloroethene	ND	5.9	ug/kg
cis-1,2-Dichloroethene	ND	5.9	ug/kg
trans-1,2-Dichloroethene	ND	5.9	ug/kg
1,2-Dichloropropane	ND	5.9	ug/kg
cis-1,3-Dichloropropene	ND	5.9	ug/kg
trans-1,3-Dichloropropene	ND	5.9	ug/kg
Ethylbenzene	ND	5.9	ug/kg
2-Hexanone	ND	5.9	ug/kg
Isopropylbenzene	ND	5.9	ug/kg
Methyl acetate	ND	5.9	ug/kg
Methylene chloride	**3.7 J,B**	**5.9**	**ug/kg**
Methylcyclohexane	ND	5.9	ug/kg
4-Methyl-2-pentanone	ND	5.9	ug/kg
Methyl tert-butyl ether	ND	5.9	ug/kg
Styrene	ND	5.9	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-003 Work Order #...: JKAW51AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg
1,2,4-Trichloro-benzene	ND	5.9	ug/kg
Tetrachloroethene	ND	5.9	ug/kg
1,1,1-Trichloroethane	ND	5.9	ug/kg
1,1,2-Trichloroethane	ND	5.9	ug/kg
Trichloroethene	ND	5.9	ug/kg
Trichlorofluoromethane	ND	5.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg
Toluene	ND	5.9	ug/kg
Vinyl chloride	ND	5.9	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	69	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	77	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-003	**Work Order #...:**	JKAW51AM	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6333004
Prep Date.....:	11/29/06	**Analysis Date..:**	12/05/06		
Prep Batch #...:	6333012	**Analysis Time..:**	21:05		
Dilution Factor:	5				
% Moisture.....:	14	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	1900	ug/kg
Atrazine	ND	1900	ug/kg
Benzaldehyde	ND	1900	ug/kg
1,1'-Biphenyl	ND	1900	ug/kg
bis(2-Chloroethoxy) methane	ND	1900	ug/kg
bis(2-Chloroethyl)-ether	ND	1900	ug/kg
bis(2-Ethylhexyl) phthalate	ND	1900	ug/kg
4-Bromophenyl phenyl ether	ND	1900	ug/kg
Butyl benzyl phthalate	ND	1900	ug/kg
Caprolactam	ND	1900	ug/kg
Carbazole	ND	1900	ug/kg
4-Chloroaniline	ND	1900	ug/kg
4-Chloro-3-methylphenol	ND	1900	ug/kg
2-Chloronaphthalene	ND	1900	ug/kg
2-Chlorophenol	ND	1900	ug/kg
4-Chlorophenyl phenyl ether	ND	1900	ug/kg
Dibenzofuran	ND	1900	ug/kg
3,3'-Dichlorobenzidine	ND	9300	ug/kg
2,4-Dichlorophenol	ND	1900	ug/kg
Diethyl phthalate	ND	1900	ug/kg
2,4-Dimethylphenol	ND	1900	ug/kg
Dimethyl phthalate	ND	1900	ug/kg
Di-n-butyl phthalate	ND	1900	ug/kg
4,6-Dinitro-2-methylphenol	ND	9300	ug/kg
2,4-Dinitrophenol	ND	9300	ug/kg
2,4-Dinitrotoluene	ND	1900	ug/kg
2,6-Dinitrotoluene	ND	1900	ug/kg
Di-n-octyl phthalate	ND	1900	ug/kg
Hexachlorobenzene	ND	1900	ug/kg
Hexachlorobutadiene	ND	1900	ug/kg
Hexachlorocyclopenta-diene	ND	9300	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-003 Work Order #...: JKAW51AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	1900	ug/kg
Isophorone	ND	1900	ug/kg
2-Methylnaphthalene	**1100 J**	**1900**	**ug/kg**
2-Methylphenol	ND	1900	ug/kg
4-Methylphenol	ND	1900	ug/kg
2-Nitroaniline	ND	9300	ug/kg
3-Nitroaniline	ND	9300	ug/kg
4-Nitroaniline	ND	9300	ug/kg
Nitrobenzene	ND	1900	ug/kg
2-Nitrophenol	ND	1900	ug/kg
4-Nitrophenol	ND	9300	ug/kg
N-Nitrosodi-n-propyl-amine	ND	1900	ug/kg
N-Nitrosodiphenylamine	ND	1900	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	1900	ug/kg
Pentachlorophenol	ND	9300	ug/kg
Phenol	ND	1900	ug/kg
2,4,5-Trichloro-phenol	ND	1900	ug/kg
2,4,6-Trichloro-phenol	ND	1900	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	77	(34 - 115)
Nitrobenzene-d5	74	(30 - 118)
Phenol-d5	78	(35 - 117)
Terphenyl-d14	83	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-003	Work Order #...:	JKAW51AN	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/29/06		
Prep Batch #...:	6333013	Analysis Time..:	21:08		
Dilution Factor:	2				
% Moisture.....:	14	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	680	16	ug/kg
Acenaphthylene	41	16	ug/kg
Acenaphthene	22	16	ug/kg
Fluorene	19	16	ug/kg
Phenanthrene	570	16	ug/kg
Anthracene	56	16	ug/kg
Fluoranthene	350	16	ug/kg
Pyrene	370	16	ug/kg
Benzo(a)anthracene	260	16	ug/kg
Chrysene	310	16	ug/kg
Benzo(b)fluoranthene	310	16	ug/kg
Benzo(k)fluoranthene	120	16	ug/kg
Benzo(a)pyrene	240	16	ug/kg
Indeno(1,2,3-cd)pyrene	160	16	ug/kg
Dibenzo(a,h)anthracene	56	16	ug/kg
Benzo(ghi)perylene	190	16	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

GC Semivolatiles

Lot-Sample #...:	C6K240118-003	**Work Order #...:**	JKAW51AP	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6332004
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332012	**Analysis Time..:**	17:36		
Dilution Factor:	1				
% Moisture.....:	14	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38	ug/kg
Aroclor 1221	ND	38	ug/kg
Aroclor 1232	ND	38	ug/kg
Aroclor 1242	ND	38	ug/kg
Aroclor 1248	ND	38	ug/kg
Aroclor 1254	ND	38	ug/kg
Aroclor 1260	**49**	**38**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(31 - 127)
Decachlorobiphenyl	96	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-003
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 14
Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.62 J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AQ
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Aluminum	7990 J	23.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AR
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Arsenic	9.5	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AT
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Barium	111	23.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AU
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Beryllium	1.1	0.47	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AV
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Calcium	26800	582	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AW
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Cadmium	1.7	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AX
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Cobalt	4.6 B	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A0
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Chromium	10 J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A1
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Copper	87.3 J	2.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A2
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Iron	14200	11.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A3
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Potassium	703 J	582	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A4
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	4250	582	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A5
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Manganese	832	1.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A6
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Sodium	218 B	582	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51A7
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Nickel	41.9	4.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AA
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Lead	64.6 J	0.35	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AC
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Selenium	0.63	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AD
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AE
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Antimony	0.66 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AF
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Vanadium	10.4	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AG
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Zinc	304 J	2.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAW51AH
		Dilution Factor: 1		Analysis Time..: 13:59	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.21 J	0.038	mg/kg	SW846 7471A	12/13/06	JKAW51AK
		Dilution Factor: 1		Analysis Time..: 09:37	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-03 0-4

General Chemistry

Lot-Sample #...: C6K240118-003 Work Order #...: JKAW5 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	85.9		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-004	**Work Order #...:** JKAW61AL	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 12:12	
Dilution Factor: 1.08		
% Moisture.....: 16	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	26	ug/kg
Benzene	ND	6.4	ug/kg
Bromodichloromethane	ND	6.4	ug/kg
Bromoform	ND	6.4	ug/kg
Bromomethane	ND	6.4	ug/kg
2-Butanone	ND	6.4	ug/kg
Carbon disulfide	ND	6.4	ug/kg
Carbon tetrachloride	ND	6.4	ug/kg
Chlorobenzene	ND	6.4	ug/kg
Chloroethane	ND	6.4	ug/kg
Chloroform	ND	6.4	ug/kg
Chloromethane	ND	6.4	ug/kg
Cyclohexane	ND	6.4	ug/kg
Dibromochloromethane	ND	6.4	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg
1,2-Dibromoethane	ND	6.4	ug/kg
1,3-Dichlorobenzene	ND	6.4	ug/kg
1,4-Dichlorobenzene	ND	6.4	ug/kg
1,2-Dichlorobenzene	ND	6.4	ug/kg
Dichlorodifluoromethane	ND	6.4	ug/kg
1,1-Dichloroethane	ND	6.4	ug/kg
1,2-Dichloroethane	ND	6.4	ug/kg
1,1-Dichloroethene	ND	6.4	ug/kg
cis-1,2-Dichloroethene	ND	6.4	ug/kg
trans-1,2-Dichloroethene	ND	6.4	ug/kg
1,2-Dichloropropane	ND	6.4	ug/kg
cis-1,3-Dichloropropene	ND	6.4	ug/kg
trans-1,3-Dichloropropene	ND	6.4	ug/kg
Ethylbenzene	ND	6.4	ug/kg
2-Hexanone	ND	6.4	ug/kg
Isopropylbenzene	ND	6.4	ug/kg
Methyl acetate	ND	6.4	ug/kg
Methylene chloride	**5.1 J,B**	**6.4**	**ug/kg**
Methylcyclohexane	ND	6.4	ug/kg
4-Methyl-2-pentanone	ND	6.4	ug/kg
Methyl tert-butyl ether	ND	6.4	ug/kg
Styrene	ND	6.4	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-004 Work Order #...: JKAW61AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg
1,2,4-Trichloro-benzene	ND	6.4	ug/kg
Tetrachloroethene	**18**	**6.4**	**ug/kg**
1,1,1-Trichloroethane	ND	6.4	ug/kg
1,1,2-Trichloroethane	ND	6.4	ug/kg
Trichloroethene	ND	6.4	ug/kg
Trichlorofluoromethane	ND	6.4	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg
Toluene	ND	6.4	ug/kg
Vinyl chloride	ND	6.4	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	72	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	103	(63 - 120)
Dibromofluoromethane	79	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-004	**Work Order #...:** JKAW61AM	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 21:33	
Dilution Factor: 5		
% Moisture.....: 16	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2000	ug/kg
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	**1000 J**	**2000**	**ug/kg**
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**79 J**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9500	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9500	ug/kg
2,4-Dinitrophenol	ND	9500	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9500	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-004 **Work Order #...:** JKAW61AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**260 J**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	ND	2000	ug/kg
2-Nitroaniline	ND	9500	ug/kg
3-Nitroaniline	ND	9500	ug/kg
4-Nitroaniline	ND	9500	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9500	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9500	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	60	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	78	(34 - 115)
Nitrobenzene-d5	74	(30 - 118)
Phenol-d5	76	(35 - 117)
Terphenyl-d14	78	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-004	Work Order #...:	JKAW61AN	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/29/06		
Prep Batch #...:	6333013	Analysis Time..:	21:37		
Dilution Factor:	1				
% Moisture.....:	16	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	200	7.9	ug/kg
Acenaphthylene	43	7.9	ug/kg
Acenaphthene	11	7.9	ug/kg
Fluorene	18	7.9	ug/kg
Phenanthrene	280	7.9	ug/kg
Anthracene	66	7.9	ug/kg
Fluoranthene	320	7.9	ug/kg
Pyrene	180	7.9	ug/kg
Benzo(a)anthracene	180	7.9	ug/kg
Chrysene	190	7.9	ug/kg
Benzo(b)fluoranthene	240	7.9	ug/kg
Benzo(k)fluoranthene	ND	7.9	ug/kg
Benzo(a)pyrene	130	7.9	ug/kg
Indeno(1,2,3-cd)pyrene	80	7.9	ug/kg
Dibenzo(a,h)anthracene	25	7.9	ug/kg
Benzo(ghi)perylene	89	7.9	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-004	**Work Order #...:** JKAW61AP	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 17:57	
Dilution Factor: 1		
% Moisture.....: 16	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	**85**	**39**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(31 - 127)
Decachlorobiphenyl	101	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-004 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.26 B,J	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AQ
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Aluminum	8980 J	23.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AR
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Arsenic	11.6	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AT
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Barium	136	23.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AU
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Beryllium	1.3	0.48	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AV
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Calcium	34100	595	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AW
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Cadmium	0.83	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AX
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Cobalt	6.2	6.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A0
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Chromium	14.5 J	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A1
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Copper	46.1 J	3.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A2
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Iron	21900	11.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A3
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Potassium	809 J	595	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A4
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	7370	595	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A5
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Manganese	826	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A6
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Sodium	164 B	595	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61A7
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Nickel	26.4	4.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AA
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Lead	80.6 J	0.36	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AC
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AD
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AE
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Antimony	0.51 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AF
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Vanadium	15.0	6.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AG
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Zinc	140 J	2.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAW61AH
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.14 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAW61AK
		Dilution Factor: 1		Analysis Time..: 09:38	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-04 0-4

General Chemistry

Lot-Sample #...: C6K240118-004 Work Order #...: JKAW6 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.0		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC/MS Volatiles

Lot-Sample #...: C6K240118-005	**Work Order #...:** JKAW71AL	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 12:36	
Dilution Factor: 0.83		
% Moisture.....: 16	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**8.4 J**	**20**	**ug/kg**
Benzene	ND	4.9	ug/kg
Bromodichloromethane	ND	4.9	ug/kg
Bromoform	ND	4.9	ug/kg
Bromomethane	ND	4.9	ug/kg
2-Butanone	ND	4.9	ug/kg
Carbon disulfide	ND	4.9	ug/kg
Carbon tetrachloride	ND	4.9	ug/kg
Chlorobenzene	ND	4.9	ug/kg
Chloroethane	ND	4.9	ug/kg
Chloroform	ND	4.9	ug/kg
Chloromethane	ND	4.9	ug/kg
Cyclohexane	ND	4.9	ug/kg
Dibromochloromethane	ND	4.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	4.9	ug/kg
1,2-Dibromoethane	ND	4.9	ug/kg
1,3-Dichlorobenzene	ND	4.9	ug/kg
1,4-Dichlorobenzene	ND	4.9	ug/kg
1,2-Dichlorobenzene	ND	4.9	ug/kg
Dichlorodifluoromethane	ND	4.9	ug/kg
1,1-Dichloroethane	ND	4.9	ug/kg
1,2-Dichloroethane	ND	4.9	ug/kg
1,1-Dichloroethene	ND	4.9	ug/kg
cis-1,2-Dichloroethene	ND	4.9	ug/kg
trans-1,2-Dichloroethene	ND	4.9	ug/kg
1,2-Dichloropropane	ND	4.9	ug/kg
cis-1,3-Dichloropropene	ND	4.9	ug/kg
trans-1,3-Dichloropropene	ND	4.9	ug/kg
Ethylbenzene	ND	4.9	ug/kg
2-Hexanone	ND	4.9	ug/kg
Isopropylbenzene	ND	4.9	ug/kg
Methyl acetate	ND	4.9	ug/kg
Methylene chloride	**3.8 J,B**	**4.9**	**ug/kg**
Methylcyclohexane	ND	4.9	ug/kg
4-Methyl-2-pentanone	ND	4.9	ug/kg
Methyl tert-butyl ether	ND	4.9	ug/kg
Styrene	ND	4.9	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC/MS Volatiles

Lot-Sample #...: C6K240118-005 Work Order #...: JKAW71AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg
1,2,4-Trichloro-benzene	ND	4.9	ug/kg
Tetrachloroethene	ND	4.9	ug/kg
1,1,1-Trichloroethane	ND	4.9	ug/kg
1,1,2-Trichloroethane	ND	4.9	ug/kg
Trichloroethene	ND	4.9	ug/kg
Trichlorofluoromethane	ND	4.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.9	ug/kg
Toluene	ND	4.9	ug/kg
Vinyl chloride	ND	4.9	ug/kg
Xylenes (total)	ND	15	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	73	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	112	(63 - 120)
Dibromofluoromethane	81	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-005	**Work Order #...:** JKAW71AM	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 22:00	
Dilution Factor: 5		
% Moisture.....: 16	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2000	ug/kg
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	**660 J**	**2000**	**ug/kg**
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**110 J**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9500	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9500	ug/kg
2,4-Dinitrophenol	ND	9500	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9500	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-005 Work Order #...: JKAW71AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**360 J**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	ND	2000	ug/kg
2-Nitroaniline	ND	9500	ug/kg
3-Nitroaniline	ND	9500	ug/kg
4-Nitroaniline	ND	9500	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9500	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9500	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	51	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	78	(34 - 115)
Nitrobenzene-d5	73	(30 - 118)
Phenol-d5	75	(35 - 117)
Terphenyl-d14	80	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-005	Work Order #...:	JKAW71AN	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/29/06		
Prep Batch #...:	6333013	Analysis Time..:	22:06		
Dilution Factor:	1				
% Moisture.....:	16	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	220	7.9	ug/kg
Acenaphthylene	8.9	7.9	ug/kg
Acenaphthene	14	7.9	ug/kg
Fluorene	22	7.9	ug/kg
Phenanthrene	260	7.9	ug/kg
Anthracene	12	7.9	ug/kg
Fluoranthene	32	7.9	ug/kg
Pyrene	46	7.9	ug/kg
Benzo(a)anthracene	27	7.9	ug/kg
Chrysene	51	7.9	ug/kg
Benzo(b)fluoranthene	40	7.9	ug/kg
Benzo(k)fluoranthene	ND	7.9	ug/kg
Benzo(a)pyrene	20	7.9	ug/kg
Indeno(1,2,3-cd)pyrene	12	7.9	ug/kg
Dibenzo(a,h)anthracene	5.6 J	7.9	ug/kg
Benzo(ghi)perylene	20	7.9	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

GC Semivolatiles

Lot-Sample #...:	C6K240118-005	**Work Order #...:**	JKAW71AP	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6332004
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332012	**Analysis Time..:**	18:19		
Dilution Factor:	1				
% Moisture.....:	16	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(31 - 127)
Decachlorobiphenyl	91	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

TOTAL Metals

Lot-Sample #...: C6K240118-005 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.044 B,J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AQ
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Aluminum	7740 J	23.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AR
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Arsenic	5.7	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AT
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Barium	69.0	23.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AU
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Beryllium	0.60	0.47	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AV
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Calcium	1360	593	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AW
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Cadmium	ND	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AX
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Cobalt	8.4	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71A0
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Chromium	9.6 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71A1
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Copper	22.7 J	3.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71A2
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Iron	21000	11.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71A3
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Potassium	562 B,J	593	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71A4
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

TOTAL Metals

Lot-Sample #...: C6K240118-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1320**	**593**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71A5**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Manganese	**349**	**1.8**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71A6**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Sodium	**43.2 B**	**593**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71A7**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Nickel	**13.7**	**4.7**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71AA**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Lead	**13.3 J**	**0.36**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71AC**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Selenium	**0.67**	**0.59**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71AD**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AE
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Antimony	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW71AF
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Vanadium	**16.0**	**5.9**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71AG**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Zinc	**53.7 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/08-12/11/06**	**JKAW71AH**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	**0.099 J**	**0.039**	**mg/kg**	**SW846 7471A**	**12/13/06**	**JKAW71AK**
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-05 8-12

General Chemistry

Lot-Sample #...: C6K240118-005 **Work Order #...:** JKAW7 **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.3**		**%**	**MCAWW 160.3 MOD**	**11/24-11/25/06**	**6328217**

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-006	**Work Order #...:** JKAW81AL	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 13:00	
Dilution Factor: 1.05		
% Moisture.....: 16	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.3	ug/kg
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone	ND	6.3	ug/kg
Carbon disulfide	ND	6.3	ug/kg
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
Cyclohexane	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg
1,2-Dibromoethane	ND	6.3	ug/kg
1,3-Dichlorobenzene	ND	6.3	ug/kg
1,4-Dichlorobenzene	ND	6.3	ug/kg
1,2-Dichlorobenzene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
cis-1,2-Dichloroethene	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
Ethylbenzene	ND	6.3	ug/kg
2-Hexanone	ND	6.3	ug/kg
Isopropylbenzene	ND	6.3	ug/kg
Methyl acetate	ND	6.3	ug/kg
Methylene chloride	**6.8 B**	**6.3**	**ug/kg**
Methylcyclohexane	ND	6.3	ug/kg
4-Methyl-2-pentanone	ND	6.3	ug/kg
Methyl tert-butyl ether	ND	6.3	ug/kg
Styrene	ND	6.3	ug/kg

(Continued on next page)

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-006 Work Order #...: JKAW81AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
1,2,4-Trichloro-benzene	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg
Toluene	ND	6.3	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	86	(72 - 127)
4-Bromofluorobenzene	82	(63 - 120)
Dibromofluoromethane	74	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-006	**Work Order #...:** JKAW81AM	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 22:28	
Dilution Factor: 5		
% Moisture.....: 16	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2000	ug/kg
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	**2300**	**2000**	**ug/kg**
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**2100**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9600	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	**140 J**	**2000**	**ug/kg**
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9600	ug/kg
2,4-Dinitrophenol	ND	9600	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9600	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-006 Work Order #...: JKAW81AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**1600 J**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	**100 J**	**2000**	**ug/kg**
2-Nitroaniline	ND	9600	ug/kg
3-Nitroaniline	ND	9600	ug/kg
4-Nitroaniline	ND	9600	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9600	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9600	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(21 - 144)
2-Fluorobiphenyl	64	(26 - 128)
2-Fluorophenol	68	(34 - 115)
Nitrobenzene-d5	64	(30 - 118)
Phenol-d5	69	(35 - 117)
Terphenyl-d14	50	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-006	Work Order #...:	JKAW81AN	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/29/06		
Prep Batch #...:	6333013	Analysis Time..:	22:35		
Dilution Factor:	30				
% Moisture.....:	16	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	1500	240	ug/kg
Acenaphthylene	2700	240	ug/kg
Acenaphthene	1500	240	ug/kg
Fluorene	3000	240	ug/kg
Phenanthrene	26000 E	240	ug/kg
Anthracene	7700	240	ug/kg
Fluoranthene	30000 E	240	ug/kg
Pyrene	31000 E	240	ug/kg
Benzo(a)anthracene	17000	240	ug/kg
Chrysene	14000	240	ug/kg
Benzo(b)fluoranthene	15000	240	ug/kg
Benzo(k)fluoranthene	6600	240	ug/kg
Benzo(a)pyrene	14000	240	ug/kg
Indeno(1,2,3-cd)pyrene	7900	240	ug/kg
Dibenzo(a,h)anthracene	2200	240	ug/kg
Benzo(ghi)perylene	9200	240	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-006	Work Order #...: JKAW82AN	Matrix.....: SOLID
Date Sampled...: 11/21/06	Date Received..: 11/24/06	MS Run #.....: 6333005
Prep Date.....: 11/29/06	Analysis Date..: 11/30/06	
Prep Batch #...: 6333013	Analysis Time..: 19:30	
Dilution Factor: 60		
% Moisture.....: 16	Method.....: SW846 8270C SIM	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	1700	480	ug/kg
Acenaphthylene	2100	480	ug/kg
Acenaphthene	1600	480	ug/kg
Fluorene	3400	480	ug/kg
Phenanthrene	32000	480	ug/kg
Anthracene	8800	480	ug/kg
Fluoranthene	38000	480	ug/kg
Pyrene	41000	480	ug/kg
Benzo(a)anthracene	21000	480	ug/kg
Chrysene	17000	480	ug/kg
Benzo(b)fluoranthene	20000	480	ug/kg
Benzo(k)fluoranthene	7700	480	ug/kg
Benzo(a)pyrene	17000	480	ug/kg
Indeno(1,2,3-cd)pyrene	9800	480	ug/kg
Dibenzo(a,h)anthracene	2700	480	ug/kg
Benzo(ghi)perylene	11000	480	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

GC Semivolatiles

Lot-Sample #...:	C6K240118-006	**Work Order #...:**	JKAW81AP	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6332004
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332012	**Analysis Time..:**	18:41		
Dilution Factor:	1				
% Moisture.....:	16	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	**25 J**	**39**	**ug/kg**
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	**90**	**39**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(31 - 127)
Decachlorobiphenyl	85	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-006 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.51 B,J	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AQ
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Aluminum	5550 J	23.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AR
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Arsenic	18.0	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AT
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Barium	147	23.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AU
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Beryllium	0.71	0.48	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AV
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Calcium	9360	598	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AW
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Cadmium	1.4	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AX
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Cobalt	5.6 B	6.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A0
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Chromium	13.2 J	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A1
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Copper	118 J	3.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A2
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Iron	19100	12.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A3
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Potassium	465 B,J	598	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A4
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1430	598	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A5
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Manganese	477	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A6
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Sodium	83.6 B	598	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81A7
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Nickel	20.6	4.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AA
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Lead	161 J	0.36	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AC
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Selenium	0.49 B	0.60	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AD
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AE
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Antimony	1.1 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AF
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Vanadium	13.2	6.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AG
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Zinc	359 J	2.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAW81AH
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.87 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAW81AK
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-06 0-4

General Chemistry

Lot-Sample #...: C6K240118-006 Work Order #...: JKAW8 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	83.6		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-007	**Work Order #...:** JKAXA1AL	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 13:23	
Dilution Factor: 0.97		
% Moisture.....: 15	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	ND	5.7	ug/kg
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	ND	5.7	ug/kg
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	**4.7 J,B**	**5.7**	**ug/kg**
Methylcyclohexane	ND	5.7	ug/kg
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-007 Work Order #...: JKAXA1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	71	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	80	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-007	**Work Order #...:** JKAXA1AM	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6333012	**Analysis Time..:** 22:56	
Dilution Factor: 5		
% Moisture.....: 15	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	1900	ug/kg
Atrazine	ND	1900	ug/kg
Benzaldehyde	ND	1900	ug/kg
1,1'-Biphenyl	ND	1900	ug/kg
bis(2-Chloroethoxy) methane	ND	1900	ug/kg
bis(2-Chloroethyl)-ether	ND	1900	ug/kg
bis(2-Ethylhexyl) phthalate	ND	1900	ug/kg
4-Bromophenyl phenyl ether	ND	1900	ug/kg
Butyl benzyl phthalate	ND	1900	ug/kg
Caprolactam	ND	1900	ug/kg
Carbazole	**590 J**	**1900**	**ug/kg**
4-Chloroaniline	ND	1900	ug/kg
4-Chloro-3-methylphenol	ND	1900	ug/kg
2-Chloronaphthalene	ND	1900	ug/kg
2-Chlorophenol	ND	1900	ug/kg
4-Chlorophenyl phenyl ether	ND	1900	ug/kg
Dibenzofuran	**520 J**	**1900**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9400	ug/kg
2,4-Dichlorophenol	ND	1900	ug/kg
Diethyl phthalate	ND	1900	ug/kg
2,4-Dimethylphenol	**68 J**	**1900**	**ug/kg**
Dimethyl phthalate	ND	1900	ug/kg
Di-n-butyl phthalate	ND	1900	ug/kg
4,6-Dinitro-2-methylphenol	ND	9400	ug/kg
2,4-Dinitrophenol	ND	9400	ug/kg
2,4-Dinitrotoluene	ND	1900	ug/kg
2,6-Dinitrotoluene	ND	1900	ug/kg
Di-n-octyl phthalate	ND	1900	ug/kg
Hexachlorobenzene	ND	1900	ug/kg
Hexachlorobutadiene	ND	1900	ug/kg
Hexachlorocyclopenta-diene	ND	9400	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-007 Work Order #...: JKAXA1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	1900	ug/kg
Isophorone	ND	1900	ug/kg
2-Methylnaphthalene	**1700 J**	**1900**	**ug/kg**
2-Methylphenol	ND	1900	ug/kg
4-Methylphenol	**87 J**	**1900**	**ug/kg**
2-Nitroaniline	ND	9400	ug/kg
3-Nitroaniline	ND	9400	ug/kg
4-Nitroaniline	ND	9400	ug/kg
Nitrobenzene	ND	1900	ug/kg
2-Nitrophenol	ND	1900	ug/kg
4-Nitrophenol	ND	9400	ug/kg
N-Nitrosodi-n-propyl-amine	ND	1900	ug/kg
N-Nitrosodiphenylamine	ND	1900	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	1900	ug/kg
Pentachlorophenol	ND	9400	ug/kg
Phenol	ND	1900	ug/kg
2,4,5-Trichloro-phenol	ND	1900	ug/kg
2,4,6-Trichloro-phenol	ND	1900	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(21 - 144)
2-Fluorobiphenyl	71	(26 - 128)
2-Fluorophenol	73	(34 - 115)
Nitrobenzene-d5	71	(30 - 118)
Phenol-d5	77	(35 - 117)
Terphenyl-d14	71	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-007 Work Order #...: JKAXA1AN Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06 MS Run #.....: 6333005
Prep Date.....: 11/29/06 Analysis Date..: 11/29/06
Prep Batch #...: 6333013 Analysis Time..: 23:03
Dilution Factor: 30
% Moisture.....: 15 Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	1400	230	ug/kg
Acenaphthylene	1200	230	ug/kg
Acenaphthene	250	230	ug/kg
Fluorene	580	230	ug/kg
Phenanthrene	5200	230	ug/kg
Anthracene	1300	230	ug/kg
Fluoranthene	5200	230	ug/kg
Pyrene	6000	230	ug/kg
Benzo(a)anthracene	2700	230	ug/kg
Chrysene	2800	230	ug/kg
Benzo(b)fluoranthene	2900	230	ug/kg
Benzo(k)fluoranthene	1300	230	ug/kg
Benzo(a)pyrene	2600	230	ug/kg
Indeno(1,2,3-cd)pyrene	1700	230	ug/kg
Dibenzo(a,h)anthracene	470	230	ug/kg
Benzo(ghi)perylene	2000	230	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-007	Work Order #...: JKAXA1AP	Matrix.....: SOLID
Date Sampled...: 11/21/06	Date Received..: 11/24/06	MS Run #.....: 6332004
Prep Date.....: 11/28/06	Analysis Date..: 12/07/06	
Prep Batch #...: 6332012	Analysis Time..: 19:03	
Dilution Factor: 1		
% Moisture.....: 15	Method.....: SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	**17 J**	**39**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(31 - 127)
Decachlorobiphenyl	93	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-007 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	2.6 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AQ
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Aluminum	4190 J	23.5	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AR
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Arsenic	13.2	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AT
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Barium	91.8	23.5	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AU
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Beryllium	0.69	0.47	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AV
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Calcium	14600	586	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AW
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Cadmium	0.82	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AX
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Cobalt	6.2	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A0
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Chromium	11.6 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A1
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Copper	134 J	2.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A2
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Iron	22900	11.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A3
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Potassium	461 B,J	586	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A4
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-007 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	2100	586	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A5
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Manganese	779	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A6
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Sodium	53.3 B	586	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1A7
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Nickel	12.6	4.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AA
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Lead	154 J	0.35	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AC
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Selenium	0.56 B	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AD
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AE
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Antimony	3.1	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AF
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Vanadium	11.4	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AG
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Zinc	1120 J	2.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXA1AH
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.31 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAXA1AK
		Dilution Factor: 1		Analysis Time..: 09:43	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-07 0-4

General Chemistry

Lot-Sample #...: C6K240118-007 Work Order #...: JKAXA Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	85.3		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC/MS Volatiles

Lot-Sample #...:	C6K240118-008	**Work Order #...:**	JKAXC1AL	**Matrix.....:**	SOLID
Date Sampled...:	11/22/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6333050
Prep Date.....:	11/29/06	**Analysis Date..:**	11/29/06		
Prep Batch #...:	6333082	**Analysis Time..:**	13:47		
Dilution Factor:	0.99				
% Moisture.....:	14	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.8	ug/kg
Bromodichloromethane	ND	5.8	ug/kg
Bromoform	ND	5.8	ug/kg
Bromomethane	ND	5.8	ug/kg
2-Butanone	ND	5.8	ug/kg
Carbon disulfide	ND	5.8	ug/kg
Carbon tetrachloride	ND	5.8	ug/kg
Chlorobenzene	ND	5.8	ug/kg
Chloroethane	ND	5.8	ug/kg
Chloroform	ND	5.8	ug/kg
Chloromethane	ND	5.8	ug/kg
Cyclohexane	ND	5.8	ug/kg
Dibromochloromethane	ND	5.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg
1,2-Dibromoethane	ND	5.8	ug/kg
1,3-Dichlorobenzene	ND	5.8	ug/kg
1,4-Dichlorobenzene	ND	5.8	ug/kg
1,2-Dichlorobenzene	ND	5.8	ug/kg
Dichlorodifluoromethane	ND	5.8	ug/kg
1,1-Dichloroethane	ND	5.8	ug/kg
1,2-Dichloroethane	ND	5.8	ug/kg
1,1-Dichloroethene	ND	5.8	ug/kg
cis-1,2-Dichloroethene	ND	5.8	ug/kg
trans-1,2-Dichloroethene	ND	5.8	ug/kg
1,2-Dichloropropane	ND	5.8	ug/kg
cis-1,3-Dichloropropene	ND	5.8	ug/kg
trans-1,3-Dichloropropene	ND	5.8	ug/kg
Ethylbenzene	ND	5.8	ug/kg
2-Hexanone	ND	5.8	ug/kg
Isopropylbenzene	ND	5.8	ug/kg
Methyl acetate	ND	5.8	ug/kg
Methylene chloride	**5.1 J,B**	**5.8**	**ug/kg**
Methylcyclohexane	ND	5.8	ug/kg
4-Methyl-2-pentanone	ND	5.8	ug/kg
Methyl tert-butyl ether	ND	5.8	ug/kg
Styrene	ND	5.8	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-008 Work Order #...: JKAXC1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg
1,2,4-Trichloro-benzene	ND	5.8	ug/kg
Tetrachloroethene	ND	5.8	ug/kg
1,1,1-Trichloroethane	ND	5.8	ug/kg
1,1,2-Trichloroethane	ND	5.8	ug/kg
Trichloroethene	ND	5.8	ug/kg
Trichlorofluoromethane	ND	5.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg
Toluene	ND	5.8	ug/kg
Vinyl chloride	ND	5.8	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	73	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	81	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-008	**Work Order #...:** JKAXC1AM	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6333012	**Analysis Time..:** 15:32	
Dilution Factor: 5		
% Moisture.....: 14	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	1900	ug/kg
Atrazine	ND	1900	ug/kg
Benzaldehyde	ND	1900	ug/kg
1,1'-Biphenyl	ND	1900	ug/kg
bis(2-Chloroethoxy) methane	ND	1900	ug/kg
bis(2-Chloroethyl)-ether	ND	1900	ug/kg
bis(2-Ethylhexyl) phthalate	ND	1900	ug/kg
4-Bromophenyl phenyl ether	ND	1900	ug/kg
Butyl benzyl phthalate	ND	1900	ug/kg
Caprolactam	ND	1900	ug/kg
Carbazole	**280 J**	**1900**	**ug/kg**
4-Chloroaniline	ND	1900	ug/kg
4-Chloro-3-methylphenol	ND	1900	ug/kg
2-Chloronaphthalene	ND	1900	ug/kg
2-Chlorophenol	ND	1900	ug/kg
4-Chlorophenyl phenyl ether	ND	1900	ug/kg
Dibenzofuran	**690 J**	**1900**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9300	ug/kg
2,4-Dichlorophenol	ND	1900	ug/kg
Diethyl phthalate	ND	1900	ug/kg
2,4-Dimethylphenol	ND	1900	ug/kg
Dimethyl phthalate	ND	1900	ug/kg
Di-n-butyl phthalate	ND	1900	ug/kg
4,6-Dinitro-2-methylphenol	ND	9300	ug/kg
2,4-Dinitrophenol	ND	9300	ug/kg
2,4-Dinitrotoluene	ND	1900	ug/kg
2,6-Dinitrotoluene	ND	1900	ug/kg
Di-n-octyl phthalate	ND	1900	ug/kg
Hexachlorobenzene	ND	1900	ug/kg
Hexachlorobutadiene	ND	1900	ug/kg
Hexachlorocyclopenta-diene	ND	9300	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-008 Work Order #...: JKAXC1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	1900	ug/kg
Isophorone	ND	1900	ug/kg
2-Methylnaphthalene	**2800**	**1900**	**ug/kg**
2-Methylphenol	ND	1900	ug/kg
4-Methylphenol	ND	1900	ug/kg
2-Nitroaniline	ND	9300	ug/kg
3-Nitroaniline	ND	9300	ug/kg
4-Nitroaniline	ND	9300	ug/kg
Nitrobenzene	ND	1900	ug/kg
2-Nitrophenol	ND	1900	ug/kg
4-Nitrophenol	ND	9300	ug/kg
N-Nitrosodi-n-propyl-amine	ND	1900	ug/kg
N-Nitrosodiphenylamine	ND	1900	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	1900	ug/kg
Pentachlorophenol	ND	9300	ug/kg
Phenol	ND	1900	ug/kg
2,4,5-Trichloro-phenol	ND	1900	ug/kg
2,4,6-Trichloro-phenol	ND	1900	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(21 - 144)
2-Fluorobiphenyl	75	(26 - 128)
2-Fluorophenol	73	(34 - 115)
Nitrobenzene-d5	70	(30 - 118)
Phenol-d5	71	(35 - 117)
Terphenyl-d14	71	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-008	Work Order #...:	JKAXC1AN	Matrix.....:	SOLID
Date Sampled...:	11/22/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/29/06		
Prep Batch #...:	6333013	Analysis Time..:	23:32		
Dilution Factor:	30				
% Moisture.....:	14	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	2700	230	ug/kg
Acenaphthylene	660	230	ug/kg
Acenaphthene	150 J	230	ug/kg
Fluorene	250	230	ug/kg
Phenanthrene	3000	230	ug/kg
Anthracene	670	230	ug/kg
Fluoranthene	2700	230	ug/kg
Pyrene	2800	230	ug/kg
Benzo(a)anthracene	1500	230	ug/kg
Chrysene	1700	230	ug/kg
Benzo(b)fluoranthene	1800	230	ug/kg
Benzo(k)fluoranthene	740	230	ug/kg
Benzo(a)pyrene	1400	230	ug/kg
Indeno(1,2,3-cd)pyrene	1000	230	ug/kg
Dibenzo(a,h)anthracene	300	230	ug/kg
Benzo(ghi)perylene	1200	230	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-008	**Work Order #...:** JKAXC1AP	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 19:25	
Dilution Factor: 1		
% Moisture.....: 14	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	**68**	**39**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(31 - 127)
Decachlorobiphenyl	92	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-008 Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.57 B,J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AQ
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Aluminum	5730 J	23.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AR
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Arsenic	9.9	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AT
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Barium	102	23.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AU
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Beryllium	0.92	0.47	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AV
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Calcium	17200	584	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AW
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Cadmium	1.1	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AX
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Cobalt	4.5 B	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A0
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Chromium	9.0 J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A1
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Copper	76.9 J	2.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A2
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Iron	18500	11.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A3
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Potassium	660 J	584	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A4
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-008 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	3330	584	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A5
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Manganese	441	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A6
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Sodium	208 B	584	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1A7
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Nickel	32.7	4.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AA
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Lead	241 J	0.35	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AC
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Selenium	0.80	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AD
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AE
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Antimony	0.91 B	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AF
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Vanadium	10.0	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AG
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Zinc	613 J	2.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXC1AH
		Dilution Factor: 1		Analysis Time..: 14:27	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.37 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAXC1AK
		Dilution Factor: 1		Analysis Time..: 09:45	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-08 0-4

General Chemistry

Lot-Sample #...: C6K240118-008 Work Order #...: JKAXC Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	85.6		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-009	**Work Order #...:** JKAXD1AL	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6334031
Prep Date.....: 11/30/06	**Analysis Date..:** 11/30/06	
Prep Batch #...: 6334054	**Analysis Time..:** 13:24	
Dilution Factor: 1.45		
% Moisture.....: 12	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**19 J**	**33**	**ug/kg**
Benzene	ND	8.2	ug/kg
Bromodichloromethane	ND	8.2	ug/kg
Bromoform	ND	8.2	ug/kg
Bromomethane	ND	8.2	ug/kg
2-Butanone	ND	8.2	ug/kg
Carbon disulfide	ND	8.2	ug/kg
Carbon tetrachloride	ND	8.2	ug/kg
Chlorobenzene	ND	8.2	ug/kg
Chloroethane	ND	8.2	ug/kg
Chloroform	ND	8.2	ug/kg
Chloromethane	ND	8.2	ug/kg
Cyclohexane	ND	8.2	ug/kg
Dibromochloromethane	ND	8.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	8.2	ug/kg
1,2-Dibromoethane	ND	8.2	ug/kg
1,3-Dichlorobenzene	ND	8.2	ug/kg
1,4-Dichlorobenzene	ND	8.2	ug/kg
1,2-Dichlorobenzene	ND	8.2	ug/kg
Dichlorodifluoromethane	ND	8.2	ug/kg
1,1-Dichloroethane	ND	8.2	ug/kg
1,2-Dichloroethane	ND	8.2	ug/kg
1,1-Dichloroethene	ND	8.2	ug/kg
cis-1,2-Dichloroethene	ND	8.2	ug/kg
trans-1,2-Dichloroethene	ND	8.2	ug/kg
1,2-Dichloropropane	ND	8.2	ug/kg
cis-1,3-Dichloropropene	ND	8.2	ug/kg
trans-1,3-Dichloropropene	ND	8.2	ug/kg
Ethylbenzene	ND	8.2	ug/kg
2-Hexanone	ND	8.2	ug/kg
Isopropylbenzene	ND	8.2	ug/kg
Methyl acetate	ND	8.2	ug/kg
Methylene chloride	**3.5 J,B**	**8.2**	**ug/kg**
Methylcyclohexane	ND	8.2	ug/kg
4-Methyl-2-pentanone	ND	8.2	ug/kg
Methyl tert-butyl ether	ND	8.2	ug/kg
Styrene	ND	8.2	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-009 Work Order #...: JKAXD1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	8.2	ug/kg
1,2,4-Trichloro-benzene	ND	8.2	ug/kg
Tetrachloroethene	ND	8.2	ug/kg
1,1,1-Trichloroethane	ND	8.2	ug/kg
1,1,2-Trichloroethane	ND	8.2	ug/kg
Trichloroethene	ND	8.2	ug/kg
Trichlorofluoromethane	ND	8.2	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	8.2	ug/kg
Toluene	ND	8.2	ug/kg
Vinyl chloride	ND	8.2	ug/kg
Xylenes (total)	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	122	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	87	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-009	**Work Order #...:**	JKAXD1AM	**Matrix.....:**	SOLID
Date Sampled...:	11/22/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6333004
Prep Date.....:	11/29/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6333012	**Analysis Time..:**	16:01		
Dilution Factor:	5				
% Moisture.....:	12	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	1900	ug/kg
Atrazine	ND	1900	ug/kg
Benzaldehyde	ND	1900	ug/kg
1,1'-Biphenyl	ND	1900	ug/kg
bis(2-Chloroethoxy) methane	ND	1900	ug/kg
bis(2-Chloroethyl)-ether	ND	1900	ug/kg
bis(2-Ethylhexyl) phthalate	**1000 J**	**1900**	**ug/kg**
4-Bromophenyl phenyl ether	ND	1900	ug/kg
Butyl benzyl phthalate	ND	1900	ug/kg
Caprolactam	ND	1900	ug/kg
Carbazole	ND	1900	ug/kg
4-Chloroaniline	ND	1900	ug/kg
4-Chloro-3-methylphenol	ND	1900	ug/kg
2-Chloronaphthalene	ND	1900	ug/kg
2-Chlorophenol	ND	1900	ug/kg
4-Chlorophenyl phenyl ether	ND	1900	ug/kg
Dibenzofuran	**440 J**	**1900**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9100	ug/kg
2,4-Dichlorophenol	ND	1900	ug/kg
Diethyl phthalate	ND	1900	ug/kg
2,4-Dimethylphenol	ND	1900	ug/kg
Dimethyl phthalate	ND	1900	ug/kg
Di-n-butyl phthalate	ND	1900	ug/kg
4,6-Dinitro-2-methylphenol	ND	9100	ug/kg
2,4-Dinitrophenol	ND	9100	ug/kg
2,4-Dinitrotoluene	ND	1900	ug/kg
2,6-Dinitrotoluene	ND	1900	ug/kg
Di-n-octyl phthalate	ND	1900	ug/kg
Hexachlorobenzene	ND	1900	ug/kg
Hexachlorobutadiene	ND	1900	ug/kg
Hexachlorocyclopenta-diene	ND	9100	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-009 Work Order #...: JKAXD1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	1900	ug/kg
Isophorone	ND	1900	ug/kg
2-Methylnaphthalene	**3000**	**1900**	**ug/kg**
2-Methylphenol	ND	1900	ug/kg
4-Methylphenol	**150 J**	**1900**	**ug/kg**
2-Nitroaniline	ND	9100	ug/kg
3-Nitroaniline	ND	9100	ug/kg
4-Nitroaniline	ND	9100	ug/kg
Nitrobenzene	ND	1900	ug/kg
2-Nitrophenol	ND	1900	ug/kg
4-Nitrophenol	ND	9100	ug/kg
N-Nitrosodi-n-propyl-amine	ND	1900	ug/kg
N-Nitrosodiphenylamine	ND	1900	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	1900	ug/kg
Pentachlorophenol	ND	9100	ug/kg
Phenol	ND	1900	ug/kg
2,4,5-Trichloro-phenol	ND	1900	ug/kg
2,4,6-Trichloro-phenol	ND	1900	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	48	(21 - 144)
2-Fluorobiphenyl	54	(26 - 128)
2-Fluorophenol	57	(34 - 115)
Nitrobenzene-d5	56	(30 - 118)
Phenol-d5	57	(35 - 117)
Terphenyl-d14	23 *	(40 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-009	Work Order #...: JKAXD1AN	Matrix.....: SOLID	
Date Sampled...: 11/22/06	Date Received..: 11/24/06	MS Run #.....: 6333005	
Prep Date.....: 11/29/06	Analysis Date..: 11/30/06		
Prep Batch #...: 6333013	Analysis Time..: 00:01		
Dilution Factor: 20			
% Moisture.....: 12	Method.....: SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	1700	150	ug/kg
Acenaphthylene	210	150	ug/kg
Acenaphthene	120 J	150	ug/kg
Fluorene	190	150	ug/kg
Phenanthrene	1300	150	ug/kg
Anthracene	350	150	ug/kg
Fluoranthene	1300	150	ug/kg
Pyrene	1200	150	ug/kg
Benzo(a)anthracene	920	150	ug/kg
Chrysene	1000	150	ug/kg
Benzo(b)fluoranthene	1100	150	ug/kg
Benzo(k)fluoranthene	ND	150	ug/kg
Benzo(a)pyrene	600	150	ug/kg
Indeno(1,2,3-cd)pyrene	470	150	ug/kg
Dibenzo(a,h)anthracene	140 J	150	ug/kg
Benzo(ghi)perylene	980	150	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

GC Semivolatiles

Lot-Sample #...:	C6K240118-009	**Work Order #...:**	JKAXD1AP	**Matrix.....:**	SOLID
Date Sampled...:	11/22/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6332004
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332012	**Analysis Time..:**	19:47		
Dilution Factor:	1				
% Moisture.....:	12	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38	ug/kg
Aroclor 1221	ND	38	ug/kg
Aroclor 1232	ND	38	ug/kg
Aroclor 1242	ND	38	ug/kg
Aroclor 1248	ND	38	ug/kg
Aroclor 1254	ND	38	ug/kg
Aroclor 1260	**82**	**38**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(31 - 127)
Decachlorobiphenyl	89	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-009 Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.45 B,J	0.57	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AQ
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Aluminum	3780 J	22.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AR
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Arsenic	7.2	1.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AT
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Barium	135	22.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AU
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Beryllium	0.67	0.45	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AV
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Calcium	8840	568	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AW
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Cadmium	7.9	0.57	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AX
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Cobalt	5.5 B	5.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A0
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Chromium	46.7 J	0.57	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A1
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Copper	143 J	2.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A2
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Iron	37200	11.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A3
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Potassium	323 B,J	568	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A4
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1790	568	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A5
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Manganese	360	1.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A6
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Sodium	146 B	568	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1A7
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Nickel	35.0	4.5	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AA
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Lead	882 J	0.68	mg/kg	SW846 6010B	12/08-12/12/06	JKAXD1AC
		Dilution Factor: 2		Analysis Time..: 11:30	MS Run #.....: 6341228	
Selenium	1.2	0.57	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AD
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Thallium	ND	1.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AE
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Antimony	1.2	1.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AF
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Vanadium	10.3	5.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AG
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Zinc	865 J	2.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXD1AH
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.46 J	0.038	mg/kg	SW846 7471A	12/13/06	JKAXD1AK
		Dilution Factor: 1		Analysis Time..: 09:47	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-09 0-4

General Chemistry

Lot-Sample #...: C6K240118-009 Work Order #...: JKAXD Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	88.0		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-010 **Work Order #...:** JKAXE1AL **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/24/06 **MS Run #.....:** 6333050
Prep Date.....: 11/29/06 **Analysis Date..:** 11/29/06
Prep Batch #...: 6333082 **Analysis Time..:** 14:35
Dilution Factor: 0.88
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	21	ug/kg
Benzene	ND	5.2	ug/kg
Bromodichloromethane	ND	5.2	ug/kg
Bromoform	ND	5.2	ug/kg
Bromomethane	ND	5.2	ug/kg
2-Butanone	ND	5.2	ug/kg
Carbon disulfide	ND	5.2	ug/kg
Carbon tetrachloride	ND	5.2	ug/kg
Chlorobenzene	ND	5.2	ug/kg
Chloroethane	ND	5.2	ug/kg
Chloroform	ND	5.2	ug/kg
Chloromethane	ND	5.2	ug/kg
Cyclohexane	ND	5.2	ug/kg
Dibromochloromethane	ND	5.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.2	ug/kg
1,2-Dibromoethane	ND	5.2	ug/kg
1,3-Dichlorobenzene	ND	5.2	ug/kg
1,4-Dichlorobenzene	ND	5.2	ug/kg
1,2-Dichlorobenzene	ND	5.2	ug/kg
Dichlorodifluoromethane	ND	5.2	ug/kg
1,1-Dichloroethane	ND	5.2	ug/kg
1,2-Dichloroethane	ND	5.2	ug/kg
1,1-Dichloroethene	ND	5.2	ug/kg
cis-1,2-Dichloroethene	ND	5.2	ug/kg
trans-1,2-Dichloroethene	ND	5.2	ug/kg
1,2-Dichloropropane	ND	5.2	ug/kg
cis-1,3-Dichloropropene	ND	5.2	ug/kg
trans-1,3-Dichloropropene	ND	5.2	ug/kg
Ethylbenzene	ND	5.2	ug/kg
2-Hexanone	ND	5.2	ug/kg
Isopropylbenzene	ND	5.2	ug/kg
Methyl acetate	ND	5.2	ug/kg
Methylene chloride	**6.2 B**	**5.2**	**ug/kg**
Methylcyclohexane	ND	5.2	ug/kg
4-Methyl-2-pentanone	ND	5.2	ug/kg
Methyl tert-butyl ether	ND	5.2	ug/kg
Styrene	ND	5.2	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-010 Work Order #...: JKAXE1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg
1,2,4-Trichloro-benzene	ND	5.2	ug/kg
Tetrachloroethene	ND	5.2	ug/kg
1,1,1-Trichloroethane	ND	5.2	ug/kg
1,1,2-Trichloroethane	ND	5.2	ug/kg
Trichloroethene	ND	5.2	ug/kg
Trichlorofluoromethane	ND	5.2	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.2	ug/kg
Toluene	ND	5.2	ug/kg
Vinyl chloride	ND	5.2	ug/kg
Xylenes (total)	ND	16	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	84	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-010	**Work Order #...:**	JKAXE1AM	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/24/06	**MS Run #.....:**	6333004
Prep Date.....:	11/29/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6333012	**Analysis Time..:**	16:30		
Dilution Factor:	5				
% Moisture.....:	16	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	**550 J**	**2000**	**ug/kg**
Atrazine	ND	2000	ug/kg
Benzaldehyde	ND	2000	ug/kg
1,1'-Biphenyl	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	**70 J**	**2000**	**ug/kg**
4-Chloroaniline	ND	2000	ug/kg
4-Chloro-3-methylphenol	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
2-Chlorophenol	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Dibenzofuran	**550 J**	**2000**	**ug/kg**
3,3'-Dichlorobenzidine	ND	9500	ug/kg
2,4-Dichlorophenol	ND	2000	ug/kg
Diethyl phthalate	ND	2000	ug/kg
2,4-Dimethylphenol	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
4,6-Dinitro-2-methylphenol	ND	9500	ug/kg
2,4-Dinitrophenol	ND	9500	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg
Di-n-octyl phthalate	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9500	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-010 Work Order #...: JKAXE1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	**2200**	**2000**	**ug/kg**
2-Methylphenol	ND	2000	ug/kg
4-Methylphenol	ND	2000	ug/kg
2-Nitroaniline	ND	9500	ug/kg
3-Nitroaniline	ND	9500	ug/kg
4-Nitroaniline	ND	9500	ug/kg
Nitrobenzene	ND	2000	ug/kg
2-Nitrophenol	ND	2000	ug/kg
4-Nitrophenol	ND	9500	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2000	ug/kg
Pentachlorophenol	ND	9500	ug/kg
Phenol	ND	2000	ug/kg
2,4,5-Trichloro-phenol	ND	2000	ug/kg
2,4,6-Trichloro-phenol	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	60	(21 - 144)
2-Fluorobiphenyl	67	(26 - 128)
2-Fluorophenol	67	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	48	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-010	Work Order #...:	JKAXE1AN	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/30/06		
Prep Batch #...:	6333013	Analysis Time..:	00:30		
Dilution Factor:	2				
% Moisture.....:	16	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	1500	16	ug/kg
Acenaphthylene	70	16	ug/kg
Acenaphthene	54	16	ug/kg
Fluorene	57	16	ug/kg
Phenanthrene	1200	16	ug/kg
Anthracene	110	16	ug/kg
Fluoranthene	500	16	ug/kg
Pyrene	440	16	ug/kg
Benzo(a)anthracene	380	16	ug/kg
Chrysene	460	16	ug/kg
Benzo(b)fluoranthene	480	16	ug/kg
Benzo(k)fluoranthene	ND	16	ug/kg
Benzo(a)pyrene	280	16	ug/kg
Indeno(1,2,3-cd)pyrene	180	16	ug/kg
Dibenzo(a,h)anthracene	72	16	ug/kg
Benzo(ghi)perylene	230	16	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-010	**Work Order #...:** JKAXE1AP	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 20:08	
Dilution Factor: 1		
% Moisture.....: 16	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(31 - 127)
Decachlorobiphenyl	80	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-010 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.11 B,J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AQ
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Aluminum	2140 J	23.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AR
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Arsenic	6.8	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AT
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Barium	99.3	23.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AU
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Beryllium	0.49	0.47	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AV
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Calcium	1880	592	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AW
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Cadmium	0.21 B	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AX
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Cobalt	3.1 B	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A0
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Chromium	4.3 J	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A1
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Copper	14.5 J	3.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A2
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Iron	8450	11.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A3
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Potassium	333 B,J	592	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A4
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-010 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	434 B	592	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A5
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Manganese	167	1.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A6
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Sodium	172 B	592	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1A7
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Nickel	8.9	4.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AA
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Lead	47.3 J	0.36	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AC
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Selenium	0.74	0.59	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AD
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AE
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Antimony	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AF
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Vanadium	8.7	5.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AG
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Zinc	156 J	2.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXE1AH
		Dilution Factor: 1		Analysis Time..: 14:38	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.12 J	0.039	mg/kg	SW846 7471A	12/13/06	JKAXE1AK
		Dilution Factor: 1		Analysis Time..: 09:48	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-10 0-4

General Chemistry

Lot-Sample #...: C6K240118-010 Work Order #...: JKAXE Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/24/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.4		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-011	**Work Order #...:** JKAXG1AL	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06	
Prep Batch #...: 6333082	**Analysis Time..:** 14:58	
Dilution Factor: 1.07		
% Moisture.....: 24	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	28	ug/kg
Benzene	ND	7.1	ug/kg
Bromodichloromethane	ND	7.1	ug/kg
Bromoform	ND	7.1	ug/kg
Bromomethane	ND	7.1	ug/kg
2-Butanone	ND	7.1	ug/kg
Carbon disulfide	ND	7.1	ug/kg
Carbon tetrachloride	ND	7.1	ug/kg
Chlorobenzene	ND	7.1	ug/kg
Chloroethane	ND	7.1	ug/kg
Chloroform	ND	7.1	ug/kg
Chloromethane	ND	7.1	ug/kg
Cyclohexane	ND	7.1	ug/kg
Dibromochloromethane	ND	7.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.1	ug/kg
1,2-Dibromoethane	ND	7.1	ug/kg
1,3-Dichlorobenzene	ND	7.1	ug/kg
1,4-Dichlorobenzene	ND	7.1	ug/kg
1,2-Dichlorobenzene	ND	7.1	ug/kg
Dichlorodifluoromethane	ND	7.1	ug/kg
1,1-Dichloroethane	ND	7.1	ug/kg
1,2-Dichloroethane	ND	7.1	ug/kg
1,1-Dichloroethene	ND	7.1	ug/kg
cis-1,2-Dichloroethene	ND	7.1	ug/kg
trans-1,2-Dichloroethene	ND	7.1	ug/kg
1,2-Dichloropropane	ND	7.1	ug/kg
cis-1,3-Dichloropropene	ND	7.1	ug/kg
trans-1,3-Dichloropropene	ND	7.1	ug/kg
Ethylbenzene	ND	7.1	ug/kg
2-Hexanone	ND	7.1	ug/kg
Isopropylbenzene	ND	7.1	ug/kg
Methyl acetate	ND	7.1	ug/kg
Methylene chloride	**11 B**	**7.1**	**ug/kg**
Methylcyclohexane	ND	7.1	ug/kg
4-Methyl-2-pentanone	ND	7.1	ug/kg
Methyl tert-butyl ether	ND	7.1	ug/kg
Styrene	ND	7.1	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC/MS Volatiles

Lot-Sample #...: C6K240118-011 Work Order #...: JKAXG1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.1	ug/kg
1,2,4-Trichloro-benzene	ND	7.1	ug/kg
Tetrachloroethene	ND	7.1	ug/kg
1,1,1-Trichloroethane	ND	7.1	ug/kg
1,1,2-Trichloroethane	ND	7.1	ug/kg
Trichloroethene	ND	7.1	ug/kg
Trichlorofluoromethane	ND	7.1	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.1	ug/kg
Toluene	ND	7.1	ug/kg
Vinyl chloride	ND	7.1	ug/kg
Xylenes (total)	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-011	**Work Order #...:** JKAXG1AM	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6333012	**Analysis Time..:** 16:59	
Dilution Factor: 5		
% Moisture.....: 24	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	2200	ug/kg
Atrazine	ND	2200	ug/kg
Benzaldehyde	ND	2200	ug/kg
1,1'-Biphenyl	ND	2200	ug/kg
bis(2-Chloroethoxy) methane	ND	2200	ug/kg
bis(2-Chloroethyl)-ether	ND	2200	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2200	ug/kg
4-Bromophenyl phenyl ether	ND	2200	ug/kg
Butyl benzyl phthalate	ND	2200	ug/kg
Caprolactam	ND	2200	ug/kg
Carbazole	**260 J**	**2200**	**ug/kg**
4-Chloroaniline	ND	2200	ug/kg
4-Chloro-3-methylphenol	ND	2200	ug/kg
2-Chloronaphthalene	ND	2200	ug/kg
2-Chlorophenol	ND	2200	ug/kg
4-Chlorophenyl phenyl ether	ND	2200	ug/kg
Dibenzofuran	**220 J**	**2200**	**ug/kg**
3,3'-Dichlorobenzidine	ND	11000	ug/kg
2,4-Dichlorophenol	ND	2200	ug/kg
Diethyl phthalate	ND	2200	ug/kg
2,4-Dimethylphenol	ND	2200	ug/kg
Dimethyl phthalate	ND	2200	ug/kg
Di-n-butyl phthalate	ND	2200	ug/kg
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg
2,4-Dinitrophenol	ND	11000	ug/kg
2,4-Dinitrotoluene	ND	2200	ug/kg
2,6-Dinitrotoluene	ND	2200	ug/kg
Di-n-octyl phthalate	ND	2200	ug/kg
Hexachlorobenzene	ND	2200	ug/kg
Hexachlorobutadiene	ND	2200	ug/kg
Hexachlorocyclopenta-diene	ND	11000	ug/kg

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Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-011 Work Order #...: JKAXG1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	2200	ug/kg
Isophorone	ND	2200	ug/kg
2-Methylnaphthalene	**540 J**	**2200**	**ug/kg**
2-Methylphenol	ND	2200	ug/kg
4-Methylphenol	ND	2200	ug/kg
2-Nitroaniline	ND	11000	ug/kg
3-Nitroaniline	ND	11000	ug/kg
4-Nitroaniline	ND	11000	ug/kg
Nitrobenzene	ND	2200	ug/kg
2-Nitrophenol	ND	2200	ug/kg
4-Nitrophenol	ND	11000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2200	ug/kg
N-Nitrosodiphenylamine	ND	2200	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	2200	ug/kg
Pentachlorophenol	ND	11000	ug/kg
Phenol	ND	2200	ug/kg
2,4,5-Trichloro-phenol	ND	2200	ug/kg
2,4,6-Trichloro-phenol	ND	2200	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(21 - 144)
2-Fluorobiphenyl	65	(26 - 128)
2-Fluorophenol	66	(34 - 115)
Nitrobenzene-d5	61	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	56	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC/MS Semivolatiles

Lot-Sample #...:	C6K240118-011	Work Order #...:	JKAXG1AN	Matrix.....:	SOLID
Date Sampled...:	11/22/06	Date Received..:	11/24/06	MS Run #.....:	6333005
Prep Date.....:	11/29/06	Analysis Date..:	11/30/06		
Prep Batch #...:	6333013	Analysis Time..:	00:58		
Dilution Factor:	10				
% Moisture.....:	24	Method.....:	SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	490	88	ug/kg
Acenaphthylene	390	88	ug/kg
Acenaphthene	180	88	ug/kg
Fluorene	250	88	ug/kg
Phenanthrene	3000	88	ug/kg
Anthracene	860	88	ug/kg
Fluoranthene	4400	88	ug/kg
Pyrene	4200	88	ug/kg
Benzo(a)anthracene	2800	88	ug/kg
Chrysene	2500	88	ug/kg
Benzo(b)fluoranthene	2900	88	ug/kg
Benzo(k)fluoranthene	1200	88	ug/kg
Benzo(a)pyrene	2400	88	ug/kg
Indeno(1,2,3-cd)pyrene	1500	88	ug/kg
Dibenzo(a,h)anthracene	440	88	ug/kg
Benzo(ghi)perylene	1600	88	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

GC Semivolatiles

Lot-Sample #...: C6K240118-011	**Work Order #...:** JKAXG1AP	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 20:30	
Dilution Factor: 1		
% Moisture.....: 24	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	44	ug/kg
Aroclor 1221	ND	44	ug/kg
Aroclor 1232	ND	44	ug/kg
Aroclor 1242	ND	44	ug/kg
Aroclor 1248	ND	44	ug/kg
Aroclor 1254	ND	44	ug/kg
Aroclor 1260	**91**	**44**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(31 - 127)
Decachlorobiphenyl	89	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-011 Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.79 J	0.66	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AQ
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Aluminum	5810 J	26.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AR
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Arsenic	12.0	1.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AT
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Barium	134	26.4	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AU
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Beryllium	0.73	0.53	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AV
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Calcium	18500	659	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AW
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Cadmium	1.8	0.66	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AX
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Cobalt	8.4	6.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A0
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Chromium	26.0 J	0.66	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A1
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Copper	129 J	3.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A2
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Iron	31700	13.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A3
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Potassium	645 B,J	659	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A4
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

TOTAL Metals

Lot-Sample #...: C6K240118-011 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	2740	659	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A5
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Manganese	676	2.0	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A6
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Sodium	119 B	659	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1A7
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Nickel	37.6	5.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AA
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Lead	287 J	0.40	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AC
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Selenium	ND	0.66	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AD
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Thallium	ND	1.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AE
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Antimony	1.2 B	1.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AF
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Vanadium	12.8	6.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AG
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Zinc	813 J	2.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAXG1AH
		Dilution Factor: 1		Analysis Time..: 14:43	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	1.1 J	0.044	mg/kg	SW846 7471A	12/13/06	JKAXG1AK
		Dilution Factor: 1		Analysis Time..: 09:50	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-11 0-4

General Chemistry

Lot-Sample #...: C6K240118-011 Work Order #...: JKAXG Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	75.9		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC/MS Volatiles

Lot-Sample #...: C6K240118-012	**Work Order #...:** JKAXH1AL	**Matrix.....:** SOLID	
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333050	
Prep Date.....: 11/29/06	**Analysis Date..:** 11/29/06		
Prep Batch #...: 6333082	**Analysis Time..:** 15:22		
Dilution Factor: 0.99			
% Moisture.....: 14	**Method.....:** SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**15 J**	**23**	**ug/kg**
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	ND	5.7	ug/kg
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	ND	5.7	ug/kg
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	**5.6 J,B**	**5.7**	**ug/kg**
Methylcyclohexane	**2.3 J**	**5.7**	**ug/kg**
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

(Continued on next page)

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC/MS Volatiles

Lot-Sample #...: C6K240118-012 Work Order #...: JKAXH1AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	**6.4**	**5.7**	**ug/kg**
Trichloroethene	**2.7 J**	**5.7**	**ug/kg**
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	77	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	108	(63 - 120)
Dibromofluoromethane	84	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-012	**Work Order #...:** JKAXH1AM	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333004
Prep Date.....: 11/29/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6333012	**Analysis Time..:** 17:28	
Dilution Factor: 1		
% Moisture.....: 14	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetophenone	ND	380	ug/kg
Atrazine	ND	380	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	380	ug/kg
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	380	ug/kg
Carbazole	ND	380	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	380	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
2,4-Dichlorophenol	ND	380	ug/kg
Diethyl phthalate	ND	380	ug/kg
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Hexachlorobenzene	ND	380	ug/kg
Hexachlorobutadiene	ND	380	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg

(Continued on next page)

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-012 Work Order #...: JKAXH1AM Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachloroethane	ND	380	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	380	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	380	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	380	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg
Pentachlorophenol	ND	1900	ug/kg
Phenol	ND	380	ug/kg
2,4,5-Trichloro-phenol	ND	380	ug/kg
2,4,6-Trichloro-phenol	ND	380	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	88	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	67	(34 - 115)
Nitrobenzene-d5	67	(30 - 118)
Phenol-d5	66	(35 - 117)
Terphenyl-d14	63	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC/MS Semivolatiles

Lot-Sample #...: C6K240118-012	**Work Order #...:** JKAXH1AN	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6333005
Prep Date.....: 11/29/06	**Analysis Date..:** 11/30/06	
Prep Batch #...: 6333013	**Analysis Time..:** 01:27	
Dilution Factor: 1		
% Moisture.....: 14	**Method.....:** SW846 8270C SIM	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Naphthalene	ND	7.7	ug/kg
Acenaphthylene	ND	7.7	ug/kg
Acenaphthene	ND	7.7	ug/kg
Fluorene	ND	7.7	ug/kg
Phenanthrene	**6.3 J**	**7.7**	**ug/kg**
Anthracene	ND	7.7	ug/kg
Fluoranthene	ND	7.7	ug/kg
Pyrene	ND	7.7	ug/kg
Benzo(a)anthracene	ND	7.7	ug/kg
Chrysene	ND	7.7	ug/kg
Benzo(b)fluoranthene	ND	7.7	ug/kg
Benzo(k)fluoranthene	ND	7.7	ug/kg
Benzo(a)pyrene	ND	7.7	ug/kg
Indeno(1,2,3-cd)pyrene	ND	7.7	ug/kg
Dibenzo(a,h)anthracene	ND	7.7	ug/kg
Benzo(ghi)perylene	ND	7.7	ug/kg

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

GC Semivolatiles

Lot-Sample #...: C6K240118-012	**Work Order #...:** JKAXH1AP	**Matrix.....:** SOLID
Date Sampled...: 11/22/06	**Date Received..:** 11/24/06	**MS Run #.....:** 6332004
Prep Date.....: 11/28/06	**Analysis Date..:** 12/07/06	
Prep Batch #...: 6332012	**Analysis Time..:** 20:52	
Dilution Factor: 1		
% Moisture.....: 14	**Method.....:** SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38	ug/kg
Aroclor 1221	ND	38	ug/kg
Aroclor 1232	ND	38	ug/kg
Aroclor 1242	ND	38	ug/kg
Aroclor 1248	ND	38	ug/kg
Aroclor 1254	ND	38	ug/kg
Aroclor 1260	ND	38	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(31 - 127)
Decachlorobiphenyl	86	(23 - 141)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

TOTAL Metals

Lot-Sample #...: C6K240118-012 Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6341367						
Silver	0.12 B,J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AQ
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Aluminum	6030 J	23.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AR
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Arsenic	10.0	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AT
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Barium	92.6	23.1	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AU
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Beryllium	0.69	0.46	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AV
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Calcium	1190	578	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AW
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Cadmium	ND	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AX
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Cobalt	8.8	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A0
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Chromium	10.6 J	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A1
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Copper	17.3 J	2.9	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A2
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Iron	22700	11.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A3
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Potassium	697 J	578	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A4
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	

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Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

TOTAL Metals

Lot-Sample #...: C6K240118-012 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1350	578	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A5
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Manganese	649	1.7	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A6
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Sodium	106 B	578	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1A7
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Nickel	17.8	4.6	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AA
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Lead	13.0 J	0.35	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AC
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Selenium	ND	0.58	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AD
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AE
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Antimony	ND	1.2	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AF
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Vanadium	13.9	5.8	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AG
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Zinc	58.4 J	2.3	mg/kg	SW846 6010B	12/08-12/11/06	JKAXH1AH
		Dilution Factor: 1		Analysis Time..: 14:48	MS Run #.....: 6341228	
Prep Batch #...: 6347028						
Mercury	0.047 J	0.038	mg/kg	SW846 7471A	12/13/06	JKAXH1AK
		Dilution Factor: 1		Analysis Time..: 09:55	MS Run #.....: 6347019	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Novel Geo-Environmental, LLC

Client Sample ID: SB-12 12-16

General Chemistry

Lot-Sample #...: C6K240118-012 Work Order #...: JKAXH Matrix.....: SOLID
Date Sampled...: 11/22/06 Date Received..: 11/24/06
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	86.4		%	MCAWW 160.3 MOD	11/24-11/25/06	6328217

Dilution Factor: 1 Analysis Time..: 08:32 MS Run #.....: 6328093

Attachment 1
Soil Boring Logs

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-1/TMW - 1
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 28 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 24'
Groundwater Completed: 13.96'

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Medium sand and silt, small pieces of brick, small rocks, some dark brown clay.				17.8 ppm	80%	
4'-8'	Tight packed gray clay, small chunks of coal, some medium sand.			LAB	112 ppm	95%	
8'-12'	Brown tight silt and clay, little fine sand, trace gravel.				<1 ppm	65%	
12'-16'	Gray tight silt and clay, little fine sand, trace gravel.				<1 ppm	100%	
16'-20'	Gray tight silt and clay, little fine sand, trace gravel. Some moisture in bottom section.				<1 ppm	100%	
20'-24'	Gray-brown, very wet, silt and clay, little fine sand. Water at 24 ft.				<1 ppm	100%	
24'-28'	Brown, very wet, silt and clay, little fine sand, some small rocks. Very wet.				<1 ppm	100%	

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-2
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 20'
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Medium gravel, sand and silt, small pieces of brick, some dark clay. Strong odor noted.			LAB	<1 ppm	60%	
4'-8'	Tight packed gray clay, slag, some medium sand, small chunks of brick.				<1 ppm	50%	
8'-12'	Red, brown clay, little fine sand, some moisture.				<1 ppm	50%	
12'-16'	Gray tight mottled clay, little fine sand.				<1 ppm	100%	
16'-20'	Gray tight clay, little fine sand, trace gravel. Some moisture in bottom section.				<1 ppm	100%	

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074
Project: Phase II ESA - BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-3/TMW – 2
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 34 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 21.5′
Groundwater Completed: 17.88′

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0′-4′	Black sand and gravel, coal fragments. Slight odor noted.			LAB	<1 ppm	40%	
4′-8′	Brown sands and silt, some clay, rock and gravel fragments.				<1 ppm	60%	
8′-12′	Brown fine sand and silt, some clay and silt.				<1 ppm	50%	
12′-16′	Gray/brown tight mottled clay, little fine sand.				<1 ppm	80%	
16′-20′	Gray tight clay, little fine sand, trace gravel.				<1 ppm	80%	
20′-24′	Brown-gray silt and clay, some gravel. Wet at 21.5 feet.				<1 ppm	70%	
24′-28′	Same as 20″-24″				<1 ppm	80%	
28′-32′	Same as 20″-24″				<1 ppm	80%	

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074	Boring Location: SB-4
Project: Phase II ESA – BAPC	Date Completed: 11/21/2006
Client: Castlebrook	Borehole Diameter: 2-inches
Location: Rochester, PA	Total Depth: 20 ft
Drilling Company: Microseeps, Inc.	Geologist: Gene C. Stuthers, P.G.
Driller:	Groundwater Initial: NA
Method: Geo-Probe	Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0′-4′	Medium white gravel, silt, small pieces of sandstone, some dark clay and coal.			LAB	<1 ppm	75%	
4′-8′	Tight packed gray clay, some medium sand, small chunks of brick.				<1 ppm	50%	
8′-12′	Red, brown clay, little fine sand, some moisture.				<1 ppm	50%	
12′-16′	Gray tight mottled clay, little fine sand, some coal.				<1 ppm	50%	
16′-20′	Gray tight clay, little fine sand, trace gravel.				<1 ppm	100%	

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-5
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 19'
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Small gravel, sand and silt, small pieces of brick and coal, some dark clay.				<1 ppm	80%	
4'-8'	Tight packed clay, some medium sand, small chunks of brick, fill material.				<1 ppm	20%	
8'-12'	Red, brown clay, little fine sand, some moisture.			LAB	1 ppm	70%	
12'-16'	Gray tight mottled clay, little fine sand. Some brick.				<1 ppm	100%	
16'-20'	Fine sand, trace gravel, compact clay. Some moisture in bottom section.				<1 ppm	100%	

NOVEL GEO-ENVIRONMENTAL, LLC
FIELD BORING LOG

100 Commercial Street
Suite 201
Pittsburgh, PA 15017
Phone: 412-838-0115
Fax: 412-838-0120

Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-6
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 18'
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Sand and silt, small pieces of sandstone, some dark clay.			LAB	<1 ppm	55%	
4'-8'	Fill material, tight packed gray clay, some small rocks, small fragments of brick.				<1 ppm	30%	
8'-12'	Gray mottled clay, little fine sand, some coal, and gravel				<1 ppm	60%	
12'-16'	Gray tight mottled clay, little fine sand. Some moisture.				<1 ppm	10%	
16'-20'	Gray tight clay, little fine silt. Damp soils.				<1 ppm	60%	

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Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-7/TMW-3
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 19′
Groundwater Completed: 14.10′

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0′-4′	Medium gravel, sand and silt, small pieces of brick, some dark clay.			LAB	<1 ppm	50%	
4′-8′	Tight packed gray clay, small fragments of sandstone.				<1 ppm	30%	
′-12′	Very wet, red, brown hard packed clay, little fine sand, some moisture.				<1 ppm	80%	
12′-16′	Gray tight mottled clay, little fine sand, some silt.				<1 ppm	70%	
16′-20′	Brown tight clay, little fine sand, trace gravel. Wet fine sands and gravel at 18′.				<1 ppm	95%	

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Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-8
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 12 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: NA
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Fill material, some sandstone and concrete.			LAB	<1 ppm	70%	
4'-8'	Sandstone and large rock.				<1 ppm	40%	
'-12'	Refusal at 9 ½ ft. All sandstone				<1 ppm	10%	

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Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-9
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 16'
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Gravel, sand and silt, small pieces of brick, and sandstone, some dark clay.			LAB	1 ppm	80%	
4'-8'	Black/brown clay, some large rock, small fragments of brick.				<1 ppm	80%	
8'-12'	Brown clay, little fine sand, some moisture.				<1 ppm	50%	
12'-16'	Dark, wet clay, little small gravel.				<1 ppm	100%	
16'-20'	Brown/red clay, little fine sand, trace gravel, small pieces of brick.				<1 ppm	100%	

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Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-10/TMW-4
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 17'
Groundwater Completed: 12.93'

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Medium gravel, sand and silt, small pieces of brick, some dark clay.			LAB	<1 ppm	50%	
4'-8'	Tight packed black clay, shale, some medium sand.				<1 ppm	50%	
'-12'	Black clay, fragments of coal, little fine sand.				<1 ppm	90%	
12'-16'	Brown clay, little fine sand, silt, and gravel.				<1 ppm	80%	
16'-20'	Gray tight clay, little fine sand, trace gravel. Lots of water.				<1 ppm	100%	

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Project #: P06-074
Project: Phase II ESA - BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-11
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 20 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 14'
Groundwater Completed: NA

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Mostly gray clay, some sand and silt, small pieces of coal.			LAB	<1 ppm	40%	
4'-8'	Tight packed gray clay, some medium sand, small chunks of brick.				<1 ppm	30%	
8'-12'	No Sample recovery				<1 ppm	0%	
12'-16'	Gray tight mottled clay, little fine sand, and gravel. Very wet.				<1 ppm	70%	
16'-20'	Wet gray/brown clay, little fine sand, trace gravel.				<1 ppm	80%	

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Project #: P06-074
Project: Phase II ESA – BAPC
Client: Castlebrook
Location: Rochester, PA

Boring Location: SB-12/TMW-5
Date Completed: 11/21/2006
Borehole Diameter: 2-inches
Total Depth: 24 ft

Drilling Company: Microseeps, Inc.
Driller:
Method: Geo-Probe

Geologist: Gene C. Stuthers, P.G.
Groundwater Initial: 21'
Groundwater Completed: 13.16'

Depth	Material Description	Sample #	Type	Sample Depth	PID Reading	Rec.	RQD
0'-4'	Black sand, silts, some small gravel, some fill material.				<1 ppm	70%	
4'-8'	Fine black sand and silt. Very moist.				<1 ppm	60%	
'-12'	Red, brown clay, little fine sand, cobble and gravel, some moisture.				<1 ppm	80%	
12'-16'	Red, brown clay, little fine sand, cobble and gravel, some moisture.			LAB	15.7 ppm	90%	
16'-20'	Gray tight clay, little fine sand, trace gravel. Some moisture in bottom section.				<1 ppm	40%	
20'-24'	Gray mottled clay, some silt, trace gravel, very wet.				<1 ppm	100%	

Amy L. Veltri, P.E., DEE

Over fifteen years of experience as an environmental and civil engineer in consulting and industry. Currently serving as president of a geotechnical and environmental engineering consulting firm. Experience includes extensive management of personnel and large projects, including management of project schedules, scope of work, and budgets. Personnel management includes selection of project staffing, staff reviews, and mentoring. Significant experience in air quality for various industrial clients including Title V permitting and compliance, emissions inventories and control technology assessments. Completed numerous multi-media regulatory compliance audits and Phase I site assessments. Assisted clients with ISO 14001 registration process. Assisted industrial clients with NPDES permit compliance including completion of DMR's and permit renewal and negotiation. Completed general construction monitoring services including density testing and concrete testing.

Fields of Competence

- Personnel Management
- Project Management (schedule and budget)
- Air Quality Regulations/Compliance
- Wastewater Treatment/Permitting
- Environmental Management Systems (ISO 14001)
- Process Safety Management/Risk Management Planning
- Multimedia Compliance Audits
- Hazardous Waste Training
- NPDES Permitting/Pollution Prevention Plans
- Spill Prevention Control and Countermeasure Plans
- Construction Monitoring and General Geotechnical Engineering

Education

- M.S., Civil Engineer, West Virginia University, 1996
- B.S., Civil Engineer, West Virginia Institute of Technology, 1989
- OSHA 1910.120 40-hour HAZWOPER Training, 1991

Registration/Certifications

- Registered Professional Engineer in Pennsylvania. Registration No.: PE-050393-E, Registration Date: 08/96
- Registered Professional Engineer in West Virginia. Registration No.: 14241, Registration Date: 09/99
- Diplomat Environmental Engineer, American Academy of Environmental Engineers, 07/02
- Certified Wastewater Treatment Plant Operator, Class A in Pennsylvania. Certificate No.: T3770, Registration Date: 06/01
- Certified ISO 14001 Lead Assessor, 04/02

Employment History

- August 2002 – Present
  President, Novel Geo-Environmental, LLC
- August 1998 – August 2002
  Senior Project Manager, ERM
- November 1995 – August 1998
  Regional Environmental Coordinator, US Airways
- March 1992 – November 1995
  Project Engineer, ERM
- January 1990-September 1990
  Staff Engineer, ERM

Key Projects

Served as project manager for a large ($1 Million) site characterization project conducted for a major airline in southwestern Pennsylvania. Duties included selecting and contracting with various subcontractors, tracking and managing the project budget, and staffing the project. The work was conducted under the auspices of PADEP Land Recycling and Remediation Standards (ACT 2). The characterization included an investigation of the surface soils and ground water beneath the site to assess if any Constituents of Potential Concern associated with Jet A fuel were present above the PADEP State-wide Health Standards.

Environmental Coordinator responsible for environmental compliance at over 20 airports in six states. Responsibilities included annual budgeting for regional area and oversight of projects at various airports. Administered hazardous waste, wastewater/stormwater, air and underground storage tank programs.

Assisted various clients with development of environmental management systems in preparation for the ISO 14001 registration process, including performing gap analyses, identification of significant aspects and impacts, and identification of legal requirements.

Completed several NPDES permit applications, including permit review and negotiation of permit terms with state agencies.

Conducted numerous Phase I site assessments per the ASTM standard for property transaction purposes.

Project manager for a PCB delineation effort for a major natural gas transmission company. The project included field sampling and completion of characterization reports for submittal to the USEPA.

Completed numerous air permit applications for several industrial clients for new and modified sources, including BAT analyses.

Completed several Process Safety Management (PSM) audits for a large chemical manufacturing company. Also completed the PSM/Risk Management Planning (RMP) program for a dairy, including serving as the recorder for several Process Hazard Analyses.

Prepared a RMP manual to meet RMP requirements for a formal management program for a large chemical manufacturer.

Prepared, coordinated, and performed hazardous waste and safety training efforts for several multiple sites. Topics covered included hazardous waste management, control of hazardous energy, and confined space entry.

Authored and certified several Spill Prevention Control and Countermeasures Plans.

Assisted industrial clients with ongoing NPDES permit compliance along with troubleshooting of several industrial wastewater treatment plants.

Project engineer for many air emission inventories for various industrial facilities. Duties included identification of emission points and calculation of emission rates for VOCs, NOx, PM, and HAPS.

Project manager responsible for completing Title V permit applications for several can manufacturing facilities. After receipt of Title V permits, completed Title V compliance manuals for many of the facilities to assist in permit compliance.

Completed numerous stormwater permit applications and authored several Stormwater Pollution Prevention Plans. Assisted industrial clients with stormwater sampling and training.

Conducted numerous regulatory compliance audits for various industrial clients. Programs audited include RCRA, CAA, and NPDES.

Completed several Title V permit renewal applications for PADEP including the completion of Compliance Assurance Monitoring (CAM) Plans. Negotiated reduced permit terms and conditions for several clients.

R. Michael Bort, P. E.

Registration
Registered Professional Engineer in Kansas, Louisiana, Mississippi, North Dakota and Pennsylvania

Fields of Competence
Management of complex multidisciplinary projects
Pennsylvania Act 2 Implementation
Superfund RI, FS, RD and RAs
RCRA permitting and RFI/CMS
Site remediation
Engineering design
Mergers and acquisitions investigations
Construction management
Regulatory analysis and compliance assessments

Experience Summary
More than 30 years of engineering experience that includes 23 years of solid and hazardous waste management. Project responsibilities have included budget and schedule compliance, client satisfaction, agency interaction, and technical and construction management. The projects have encompassed site investigation; geotechnical and structural engineering for remedial investigations and designs; design, operation, and management of resource recovery systems; and statistical and financial analyses. He has performed engineering design, construction management, and remediation of new and existing waste management facilities, including landfills, ground water recovery and treatment system, impoundments, slurry walls, sludge stabilization, storage facilities, and miscellaneous treatment units. He has conducted real estate transfer and compliance audits for industrial and commercial clients. He also has extensive experience relating to the design and maintenance of new and existing railroad track right-of-ways, classifications yards, and other appurtenant facilities.

Credentials

MBA, with honors, Keller Graduate School of Management, 1988
M.S., with university honors, Civil Engineering, Carnegie Mellon University, 1980
B.S., with distinction, Civil Engineering, Carnegie Mellon University, 1978

Key Projects

Managed multifaceted work for implementation of PA Act 2 investigations and remediations at over 15 industrial sites in PA. The sites have included manufacturing, refining, and solid waste disposal facilities. Current status of the Act 2 process for these facilities range from the investigative phase to completion of a risk assessment and receipt of a no further action letter from the PADEP. An additional site is undergoing remediation based on site specific risk-based cleanup standards.

Managed the $2.5 million, three-year project to decommission and close a RCRA-regulated plating facility. The project included decontamination of plating lines, manufacturing areas, and laboratories; asbestos abatement program; site investigation; closure design and construction; design and construction of a ground water treatment system.

Manager for the coordination, investigation, design, and remediation of on-site and off-site areas contaminated with metals. The project has included a hydrogeologic investigation and ground water monitoring network design, permitting, installation, and operation. The project also comprised design and construction of the closure of six surface impoundments and a 350,000 cubic yard storage pile. Other project activities included on-site and offsite investigations, indoor dust contamination; and geostatistical evaluation of results. Preparation, submittal and

negotiations for Part B Operating and Post-Closure Permits, including the scope of work for an RFI/CMS; and client/agency interaction.

Managed the conduct of a RI/FS of a former municipal landfill. Work included a two-phase RI comprising immediate removal of both PCB wastes and miscellaneous drums, source characterization, hydrogeologic investigations, delineation of extent of contamination and fish sampling and analysis. He also managed the oversight of the RD/RA phase of the work.

Managed all phases of this two-year project from RI to RA at a state Superfund site comprising an industrial residuals landfill. After approval of the conceptual and final designs by the IEPA, Mr. Bort managed the construction which was completed and accepted by the IEPA.

Principal project manager responsible for the site assessment, remedial design, and construction of two oil recovery systems. The first system was a passive system designed to divert and collect floating crude oil from a shallow ground water table. The second system was designed as an active system to recover floating fuel oil that had been released over an extended period of time from under an operating production facility.

Managed the site assessments and remediation of USTs in six locations in five states, IL, KS, OH, PA and WV. Managed site assessments for sites that included multitank systems with storage capacities exceeding 300,000 gallons.

Project director and principal investigator for organizing, designing, and conducting multimedia environmental compliance audits at four large plating and manufacturing facilities in CA, CN, OH and PA.

Senior project manager for three solid waste projects in Illinois. The work scope for these projects included daily operational assistance, permitting, a RCRA facilities investigation and design, master plan, and permit application for an 87-acre expansion of an existing facility

Project manager and principal investigator for conceptual design and permit negotiation for the closure of existing hazardous waste landfills and settling ponds and a new proposed hazardous waste landfill in southern Mississippi. Work included field investigations, sludge solidification/dewatering studies, cost estimation, waste quantification and characterization.

Professional Affiliation

Tau Beta Pi National Engineering Society

American Society of Civil Engineers

Selected Publications and Presentations

Petroccia, M. W., Bort, R. M., and Mancini, F. Jr., "Northern Ambridge Redevelopment Project". Presented at The Business of Brownfield's, Seven Springs, PA, April 24 and 25, 2006

Lecturer: Pennsylvania Chamber of Business and Industry, "Pennsylvania Act 2 Regulations Workshop", 12 and 13 June 2001

Lecturer: Air and Waste Management Association, "Pennsylvania Hazardous Waste Regulations Workshop", 20 and 21 April 1999

Lecturer: Pennsylvania Chamber of Business and Industry, "Pennsylvania Residual Waste Regulations Workshop", 7 and 8 October 1998

Bort, R. M. and T. K. Walls, 1990. "Industrial Facility Decommissioning: A Case History." The Weston Way, pp. 16-20.

Bort, R. M., G. J. Deigan, and J. W. Thorsen, 1989. "Modeling, Verification, and Public Health Impact of Airborne Dispersal of Heavy Metal Contaminants." Presented at Sixth National RCRA/Superfund Conference and Exhibition, New Orleans, LA.

Bort, R. M., D. G. Pyles, and L. Mackley, 1989. "Investigation and Remediation of a Bulk Storage Gasoline Release." Presented at Sixth National RCRA/Superfund Conference, HMCRI/HWHM, New Orleans, LA.

Bort, R. M., D. G. Pyles, H. M. Ricketts, and G. C. Connors, 1988. "Oil Spill Remedial Actions: Two Case Histories." Presented at 5th National RCRA/Superfund Conference, HMCRI/HWHM, Las Vegas, NV.

Sofferahn, J. A., D. G. Pyles, R. M. Bort, and K. Theisen, 1987. "Cost-Effective Mitigation of Long-Term Environmental Impacts Resulting From a Major Release of Crude Oil." Presented at Haztech International Conference, St. Louis, MO.

Bort, R. M., 1985. "In Situ Stabilization of a Viscoelastic Polymer Waste." Management of Uncontrolled Hazardous Waste Sites, Washington, DC, pp. 152-156.

Bort, R. M., 1983. "Soil/Bentonite Cutoff Walls for Contaminant Control." Presented at Annual Solid and Hazardous Waste Conference, University of Southern Louisiana, Lafayette, LA.
Publications

Withiam, J. L., T J. Siller, R. M. Bort, A. J. Eggenberger, P. O. Christiano, and U. Dyal. 1982. "Correlations of Penetration Test Results with In Situ and Laboratory Test Data." European Symposium on Penetration Testing, Vol. 1, The Hague, The Netherlands, pp. 183-187.

Bort, R. M. 1980. "Flow of Powders Under Aeration from Bulk Storage Containers." United States Steel Research Center Technical Publication.

Gene C. Stuthers, P.G., LRS

Over eighteen years of experience in environmental consulting, site remediation, and environmental construction. Thirteen of those years were as a project manager and site manager for a multiple of site investigations, hydraulic investigations, and environmental construction projects. Mr. Stuthers has managed all aspects of environmental projects including estimating and proposal development, bonding negotiations, project management, on-site construction management, quality assurance/quality control (QA/QC), project reporting, regulatory negotiations, and client interactions. He has been the project manager for over 150 different sites and was responsible for technical and financial performances.

Fields of Competence

- Personnel Management
- Project Management (schedule and budget)
- Project Estimating
- Ground Water Remedial Systems (Design/Build)
- Monitoring/Recovery Well Installation
- Ground Water Pumping Tests/Sampling
- Operation and Maintenance (O&M)
- Subsurface Investigations
- Soil Boring Installations/Soil Sampling
- Soil Remedial Technologies (Design/Build)
- Environmental Construction of Systems
- UST Closures (Pennsylvania, West Virginia, Ohio)
- AST Installations/Closures
- Landfill Closures/Waste Cells
- NPDES Permitting

Education

- B.S., Geology, Edinboro University of PA, 1986
- OSHA 1910.120 40-hour HAZWOPER Training, 1988

Registration/Certifications

- Registered Professional Geologist in Pennsylvania. Registration No.: PG-000660-G, Registration Date: 09/30/94
- Licensed Remediation Specialist in West Virginia, 04/2004
- OSHA 1910.120 40-hour HAZWOPER Training, 1988
- OSHA Permit Required Confined Space Entry
- ISO 9000 Certification

Employment History

- December 2003 – Present
  Project Manager, Novel Geo-Environmental, LLC
- March 2002 – December 2003
  Project Manager, Aurora Environmental, Inc.
- July 1995 – November 2001
  Branch Manager, ERM Enviroclean/ECOR Solutions
- September 1990 – July 1995
  Project Manager, ERM
- September 1988 - September 1990
  Project Manager, Erie Geological Contractors, Inc.
- March 1987 – September 1988
  Clean Harbors Environmental Engineering, Inc.