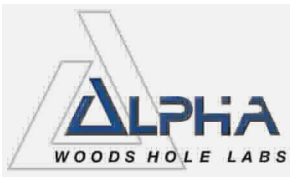


Appendix C
Analytical Laboratory Reports
(Provided on CD)

Appendix C
Excavation Confirmation
Samples



ANALYTICAL REPORT

Lab Number: L0712559

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Jeremy Picard

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Report Date: 08/31/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

Alpha Sample ID

L0712559-01

Client ID

EL-DE1-4-20070830-01

Sample Location

RAYTHEON WAYLAND



Project Name: NA SOIL EXCAVATION

Lab Number: L0712559

Project Number: 0051545

Report Date: 08/31/07

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A

A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Volatile Organics

L0712559-01 was processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

In reference to question E:

The WG292570-4/5 LCS/LCSD % recoveries for Dichlorodifluoromethane and 2,2-Dichloropropane are below the individual acceptance criteria for the compounds, but within the overall method allowances.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 08/31/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712559**Project Number:** 0051545**Report Date:** 08/31/07**SAMPLE RESULTS**

Lab ID: L0712559-01
Client ID: EL-DE1-4-20070830-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/31/07 11:56
Analyst: GK
Percent Solids: 80%

Date Collected: 08/30/07 14:20
Date Received: 08/30/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.6	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	1.2		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.2	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.2	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.2	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	6.5		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712559**Project Number:** 0051545**Report Date:** 08/31/07**SAMPLE RESULTS**

Lab ID: L0712559-01
 Client ID: EL-DE1-4-20070830-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/30/07 14:20
 Date Received: 08/30/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.2	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	52	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.2	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.2	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.2	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.2	1
o-Chlorotoluene	ND		ug/kg	5.2	1
p-Chlorotoluene	ND		ug/kg	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1
Hexachlorobutadiene	ND		ug/kg	5.2	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	1
Ethyl ether	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712559**Project Number:** 0051545**Report Date:** 08/31/07**SAMPLE RESULTS**

Lab ID: L0712559-01
 Client ID: EL-DE1-4-20070830-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/30/07 14:20
 Date Received: 08/30/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/31/07 11:20
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292570-6				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/31/07 11:20
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292570-6				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/31/07 11:20
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292570-6				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712559

Report Date: 08/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292570-4 WG292570-5					
Methylene chloride	88	86	70-130	2	25
1,1-Dichloroethane	104	109	70-130	5	25
Chloroform	108	111	70-130	3	25
Carbon tetrachloride	100	108	70-130	8	25
1,2-Dichloropropane	108	109	70-130	1	25
Dibromochloromethane	103	104	70-130	1	25
1,1,2-Trichloroethane	109	108	70-130	1	25
Tetrachloroethene	115	115	70-130	0	25
Chlorobenzene	111	111	70-130	0	25
Trichlorofluoromethane	96	102	70-130	6	25
1,2-Dichloroethane	106	110	70-130	4	25
1,1,1-Trichloroethane	105	110	70-130	5	25
Bromodichloromethane	107	112	70-130	5	25
trans-1,3-Dichloropropene	97	99	70-130	2	25
cis-1,3-Dichloropropene	100	103	70-130	3	25
1,1-Dichloropropene	104	107	70-130	3	25
Bromoform	100	106	70-130	6	50
1,1,2,2-Tetrachloroethane	101	103	70-130	2	25
Benzene	106	108	70-130	2	25
Toluene	106	108	70-130	2	25
Ethylbenzene	110	113	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712559

Project Number: 0051545

Report Date: 08/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292570-4 WG292570-5					
Chloromethane	82	87	70-130	6	50
Bromomethane	110	113	70-130	3	50
Vinyl chloride	90	94	70-130	4	25
Chloroethane	118	117	70-130	1	25
1,1-Dichloroethene	106	107	70-130	1	25
trans-1,2-Dichloroethene	106	107	70-130	1	25
Trichloroethene	110	109	70-130	1	25
1,2-Dichlorobenzene	104	110	70-130	6	25
1,3-Dichlorobenzene	104	111	70-130	7	25
1,4-Dichlorobenzene	101	110	70-130	9	25
Methyl tert butyl ether	72	71	70-130	1	25
p/m-Xylene	111	116	70-130	4	25
o-Xylene	106	110	70-130	4	25
cis-1,2-Dichloroethene	114	114	70-130	0	25
Dibromomethane	111	109	70-130	2	25
1,2,3-Trichloropropane	109	112	70-130	3	25
Styrene	104	106	70-130	2	25
Dichlorodifluoromethane	42	42	70-130	0	50
Acetone	94	76	70-130	21	50
Carbon disulfide	83	84	70-130	1	25
2-Butanone	84	88	70-130	5	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712559

Report Date: 08/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292570-4 WG292570-5					
4-Methyl-2-pentanone	100	99	70-130	1	50
2-Hexanone	90	92	70-130	2	50
Bromochloromethane	108	110	70-130	2	25
Tetrahydrofuran	90	87	70-130	3	25
2,2-Dichloropropane	60	69	70-130	14	50
1,2-Dibromoethane	113	115	70-130	2	25
1,3-Dichloropropane	112	112	70-130	0	25
1,1,1,2-Tetrachloroethane	114	112	70-130	2	25
Bromobenzene	108	112	70-130	4	25
n-Butylbenzene	82	88	70-130	7	25
sec-Butylbenzene	106	112	70-130	6	25
tert-Butylbenzene	105	114	70-130	8	25
o-Chlorotoluene	102	108	70-130	6	25
p-Chlorotoluene	102	110	70-130	8	25
1,2-Dibromo-3-chloropropane	89	94	70-130	5	50
Hexachlorobutadiene	99	109	70-130	10	25
Isopropylbenzene	114	122	70-130	7	25
p-Isopropyltoluene	112	119	70-130	6	25
Naphthalene	107	113	70-130	5	25
n-Propylbenzene	103	110	70-130	7	25
1,2,3-Trichlorobenzene	103	111	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712559

Report Date: 08/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292570-4 WG292570-5					
1,2,4-Trichlorobenzene	101	110	70-130	9	25
1,3,5-Trimethylbenzene	103	109	70-130	6	25
1,2,4-Trimethylbenzene	106	112	70-130	6	25
Ethyl ether	103	105	70-130	2	25
Isopropyl Ether	95	96	70-130	1	25
Ethyl-Tert-Butyl-Ether	78	80	70-130	3	25
Tertiary-Amyl Methyl Ether	82	85	70-130	4	25
1,4-Dioxane	95	96	70-130	1	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		90		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	87		91		70-130
Dibromofluoromethane	95		99		70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

SAMPLE RESULTS

Lab ID: L0712559-01
Client ID: EL-DE1-4-20070830-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/30/07 14:20
Date Received: 08/30/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	80		%	0.10	1	-	08/31/07 08:20	30,2540G	ST



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712559

Report Date: 08/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01 QC Batch ID: WG292571-1 QC Sample: L0712559-01 Client ID: EL-DE1-4-20070830-01					
Solids, Total	80	81	%	1	20

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712559**Project Number:** 0051545**Report Date:** 08/31/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712559-01A	Vial MeOH preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0712559-01B	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0712559-01C	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
 LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
 LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
 MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
 MSD - Matrix Spike Sample Duplicate: Refer to MS.
 NA - Not Applicable.
 NI - Not Ignitable.
 NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
 ND - Not detected at the reported detection limit for the sample.
 RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
 RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712559
Report Date: 08/31/07

REFERENCES

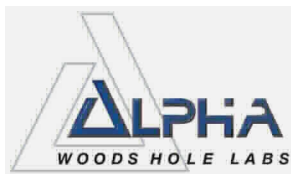
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.





ANALYTICAL REPORT

Lab Number: L0712366

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Jason Flattery

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Report Date: 08/28/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

Alpha Sample ID	Client ID	Sample Location
L0712366-01	EL-CD23-2-20070827-01	RAYTHEON WAYLAND
L0712366-02	EL-DE1-2-20070827-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical methods(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A
A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Volatile Organics - Low

L0712366-01 was processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

In reference to question E:

The WG292073-1/-2 LCS/LCSD % recoveries for Dichlorodifluoromethane and the LCS % recovery for 2,2-Dichloropropane are below, the individual acceptance criteria for the compounds, but within the overall method allowances. These are all difficult analytes.

Volatile Organics - High

L0712366-02 was processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

In reference to question E:

The WG292074-1/-2 LCS/LCSD % recoveries for Dichlorodifluoromethane and the LCS % recovery for 2,2-Dichloropropane are below, the individual acceptance criteria for the compounds, but within the overall method allowances. These are all difficult analytes.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 08/28/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-01
Client ID: EL-CD23-2-20070827-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 10:48
Analyst: GK
Percent Solids: 79%

Date Collected: 08/27/07 12:10
Date Received: 08/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.0	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.8	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.8	1
Bromoform	ND		ug/kg	4.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.8	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-01

Date Collected: 08/27/07 12:10

Client ID: EL-CD23-2-20070827-01

Date Received: 08/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.8	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	58	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.8	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.8	1
1,2-Dibromoethane	ND		ug/kg	4.6	1
1,3-Dichloropropane	ND		ug/kg	5.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.8	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.8	1
o-Chlorotoluene	ND		ug/kg	5.8	1
p-Chlorotoluene	ND		ug/kg	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	1
Hexachlorobutadiene	ND		ug/kg	5.8	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.8	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	1
Ethyl ether	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-01

Date Collected: 08/27/07 12:10

Client ID: EL-CD23-2-20070827-01

Date Received: 08/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.6	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.6	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.6	1
1,4-Dioxane	ND		ug/kg	580	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-02
Client ID: EL-DE1-2-20070827-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 11:24
Analyst: BT
Percent Solids: 76%

Date Collected: 08/27/07 12:12
Date Received: 08/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Methylene chloride	ND		ug/kg	810	1
1,1-Dichloroethane	ND		ug/kg	120	1
Chloroform	ND		ug/kg	120	1
Carbon tetrachloride	ND		ug/kg	81	1
1,2-Dichloropropane	ND		ug/kg	280	1
Dibromochloromethane	ND		ug/kg	81	1
1,1,2-Trichloroethane	ND		ug/kg	120	1
Tetrachloroethene	ND		ug/kg	81	1
Chlorobenzene	ND		ug/kg	81	1
Trichlorofluoromethane	ND		ug/kg	400	1
1,2-Dichloroethane	ND		ug/kg	81	1
1,1,1-Trichloroethane	ND		ug/kg	81	1
Bromodichloromethane	ND		ug/kg	81	1
trans-1,3-Dichloropropene	ND		ug/kg	81	1
cis-1,3-Dichloropropene	ND		ug/kg	81	1
1,1-Dichloropropene	ND		ug/kg	400	1
Bromoform	ND		ug/kg	320	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	81	1
Benzene	ND		ug/kg	81	1
Toluene	ND		ug/kg	120	1
Ethylbenzene	ND		ug/kg	81	1
Chloromethane	ND		ug/kg	400	1
Bromomethane	ND		ug/kg	160	1
Vinyl chloride	ND		ug/kg	160	1
Chloroethane	ND		ug/kg	160	1
1,1-Dichloroethene	ND		ug/kg	81	1
trans-1,2-Dichloroethene	ND		ug/kg	120	1
Trichloroethene	570		ug/kg	81	1
1,2-Dichlorobenzene	ND		ug/kg	400	1
1,3-Dichlorobenzene	ND		ug/kg	400	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-02
 Client ID: EL-DE1-2-20070827-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/27/07 12:12
 Date Received: 08/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
1,4-Dichlorobenzene	ND		ug/kg	400	1
Methyl tert butyl ether	ND		ug/kg	160	1
p/m-Xylene	ND		ug/kg	160	1
o-Xylene	ND		ug/kg	160	1
cis-1,2-Dichloroethene	ND		ug/kg	81	1
Dibromomethane	ND		ug/kg	810	1
1,2,3-Trichloropropane	ND		ug/kg	810	1
Styrene	ND		ug/kg	160	1
Dichlorodifluoromethane	ND		ug/kg	810	1
Acetone	ND		ug/kg	810	1
Carbon disulfide	ND		ug/kg	4000	1
2-Butanone	ND		ug/kg	810	1
4-Methyl-2-pentanone	ND		ug/kg	810	1
2-Hexanone	ND		ug/kg	810	1
Bromochloromethane	ND		ug/kg	400	1
Tetrahydrofuran	ND		ug/kg	1600	1
2,2-Dichloropropane	ND		ug/kg	400	1
1,2-Dibromoethane	ND		ug/kg	320	1
1,3-Dichloropropane	ND		ug/kg	400	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	81	1
Bromobenzene	ND		ug/kg	400	1
n-Butylbenzene	ND		ug/kg	81	1
sec-Butylbenzene	ND		ug/kg	81	1
tert-Butylbenzene	ND		ug/kg	400	1
o-Chlorotoluene	ND		ug/kg	400	1
p-Chlorotoluene	ND		ug/kg	400	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	1
Hexachlorobutadiene	ND		ug/kg	400	1
Isopropylbenzene	ND		ug/kg	81	1
p-Isopropyltoluene	ND		ug/kg	81	1
Naphthalene	ND		ug/kg	400	1
n-Propylbenzene	ND		ug/kg	81	1
1,2,3-Trichlorobenzene	ND		ug/kg	400	1
1,2,4-Trichlorobenzene	ND		ug/kg	400	1
1,3,5-Trimethylbenzene	ND		ug/kg	400	1
1,2,4-Trimethylbenzene	ND		ug/kg	400	1
Ethyl ether	ND		ug/kg	400	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**SAMPLE RESULTS**

Lab ID: L0712366-02
 Client ID: EL-DE1-2-20070827-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/27/07 12:12
 Date Received: 08/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Isopropyl Ether	ND		ug/kg	320	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	320	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	320	1
1,4-Dioxane	ND		ug/kg	40000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	88		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292073-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292073-3				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01 Batch: WG292073-3				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	91		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 02 Batch: WG292074-3				
Methylene chloride	ND		ug/kg	500
1,1-Dichloroethane	ND		ug/kg	75
Chloroform	ND		ug/kg	75
Carbon tetrachloride	ND		ug/kg	50
1,2-Dichloropropane	ND		ug/kg	180
Dibromochloromethane	ND		ug/kg	50
1,1,2-Trichloroethane	ND		ug/kg	75
Tetrachloroethene	ND		ug/kg	50
Chlorobenzene	ND		ug/kg	50
Trichlorofluoromethane	ND		ug/kg	250
1,2-Dichloroethane	ND		ug/kg	50
1,1,1-Trichloroethane	ND		ug/kg	50
Bromodichloromethane	ND		ug/kg	50
trans-1,3-Dichloropropene	ND		ug/kg	50
cis-1,3-Dichloropropene	ND		ug/kg	50
1,1-Dichloropropene	ND		ug/kg	250
Bromoform	ND		ug/kg	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	50
Benzene	ND		ug/kg	50
Toluene	ND		ug/kg	75
Ethylbenzene	ND		ug/kg	50
Chloromethane	ND		ug/kg	250
Bromomethane	ND		ug/kg	100
Vinyl chloride	ND		ug/kg	100
Chloroethane	ND		ug/kg	100
1,1-Dichloroethene	ND		ug/kg	50
trans-1,2-Dichloroethene	ND		ug/kg	75
Trichloroethene	ND		ug/kg	50
1,2-Dichlorobenzene	ND		ug/kg	250
1,3-Dichlorobenzene	ND		ug/kg	250
1,4-Dichlorobenzene	ND		ug/kg	250

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 02 Batch: WG292074-3				
Methyl tert butyl ether	ND		ug/kg	100
p/m-Xylene	ND		ug/kg	100
o-Xylene	ND		ug/kg	100
cis-1,2-Dichloroethene	ND		ug/kg	50
Dibromomethane	ND		ug/kg	500
1,2,3-Trichloropropane	ND		ug/kg	500
Styrene	ND		ug/kg	100
Dichlorodifluoromethane	ND		ug/kg	500
Acetone	ND		ug/kg	500
Carbon disulfide	ND		ug/kg	2500
2-Butanone	ND		ug/kg	500
4-Methyl-2-pentanone	ND		ug/kg	500
2-Hexanone	ND		ug/kg	500
Bromochloromethane	ND		ug/kg	250
Tetrahydrofuran	ND		ug/kg	1000
2,2-Dichloropropane	ND		ug/kg	250
1,2-Dibromoethane	ND		ug/kg	200
1,3-Dichloropropane	ND		ug/kg	250
1,1,1,2-Tetrachloroethane	ND		ug/kg	50
Bromobenzene	ND		ug/kg	250
n-Butylbenzene	ND		ug/kg	50
sec-Butylbenzene	ND		ug/kg	50
tert-Butylbenzene	ND		ug/kg	250
o-Chlorotoluene	ND		ug/kg	250
p-Chlorotoluene	ND		ug/kg	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	250
Hexachlorobutadiene	ND		ug/kg	250
Isopropylbenzene	ND		ug/kg	50
p-Isopropyltoluene	ND		ug/kg	50
Naphthalene	ND		ug/kg	250
n-Propylbenzene	ND		ug/kg	50

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/28/07 10:12
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 02 Batch: WG292074-3				
1,2,3-Trichlorobenzene	ND		ug/kg	250
1,2,4-Trichlorobenzene	ND		ug/kg	250
1,3,5-Trimethylbenzene	ND		ug/kg	250
1,2,4-Trimethylbenzene	ND		ug/kg	250
Ethyl ether	ND		ug/kg	250
Isopropyl Ether	ND		ug/kg	200
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200
Tertiary-Amyl Methyl Ether	ND		ug/kg	200
1,4-Dioxane	ND		ug/kg	25000

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292073-1 WG292073-2					
Methylene chloride	90	88	70-130	2	25
1,1-Dichloroethane	99	100	70-130	1	25
Chloroform	101	102	70-130	1	25
Carbon tetrachloride	94	100	70-130	6	25
1,2-Dichloropropane	102	103	70-130	1	25
Dibromochloromethane	93	98	70-130	5	25
1,1,2-Trichloroethane	102	105	70-130	3	25
Tetrachloroethene	114	112	70-130	2	25
Chlorobenzene	105	105	70-130	0	25
Trichlorofluoromethane	99	97	70-130	2	25
1,2-Dichloroethane	97	100	70-130	3	25
1,1,1-Trichloroethane	99	100	70-130	1	25
Bromodichloromethane	97	101	70-130	4	25
trans-1,3-Dichloropropene	90	96	70-130	6	25
cis-1,3-Dichloropropene	90	95	70-130	5	25
1,1-Dichloropropene	102	102	70-130	0	25
Bromoform	88	99	70-130	12	50
1,1,2,2-Tetrachloroethane	94	104	70-130	10	25
Benzene	102	101	70-130	1	25
Toluene	105	104	70-130	1	25
Ethylbenzene	108	108	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292073-1 WG292073-2					
Chloromethane	83	82	70-130	1	50
Bromomethane	106	108	70-130	2	50
Vinyl chloride	89	90	70-130	1	25
Chloroethane	115	114	70-130	1	25
1,1-Dichloroethene	102	100	70-130	2	25
trans-1,2-Dichloroethene	104	104	70-130	0	25
Trichloroethene	103	102	70-130	1	25
1,2-Dichlorobenzene	104	108	70-130	4	25
1,3-Dichlorobenzene	107	108	70-130	1	25
1,4-Dichlorobenzene	103	108	70-130	5	25
Methyl tert butyl ether	82	88	70-130	7	25
p/m-Xylene	110	109	70-130	1	25
o-Xylene	108	108	70-130	0	25
cis-1,2-Dichloroethene	107	105	70-130	2	25
Dibromomethane	101	103	70-130	2	25
1,2,3-Trichloropropane	102	112	70-130	9	25
Styrene	105	105	70-130	0	25
Dichlorodifluoromethane	53	51	70-130	4	50
Acetone	78	79	70-130	1	50
Carbon disulfide	84	83	70-130	1	25
2-Butanone	79	89	70-130	12	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292073-1 WG292073-2					
4-Methyl-2-pentanone	92	100	70-130	8	50
2-Hexanone	86	95	70-130	10	50
Bromochloromethane	99	99	70-130	0	25
Tetrahydrofuran	81	90	70-130	11	25
2,2-Dichloropropane	63	79	70-130	23	50
1,2-Dibromoethane	106	109	70-130	3	25
1,3-Dichloropropane	108	109	70-130	1	25
1,1,1,2-Tetrachloroethane	103	106	70-130	3	25
Bromobenzene	107	112	70-130	5	25
n-Butylbenzene	84	86	70-130	2	25
sec-Butylbenzene	111	113	70-130	2	25
tert-Butylbenzene	108	113	70-130	5	25
o-Chlorotoluene	104	107	70-130	3	25
p-Chlorotoluene	105	108	70-130	3	25
1,2-Dibromo-3-chloropropane	82	91	70-130	10	50
Hexachlorobutadiene	104	105	70-130	1	25
Isopropylbenzene	116	121	70-130	4	25
p-Isopropyltoluene	115	116	70-130	1	25
Naphthalene	100	107	70-130	7	25
n-Propylbenzene	106	109	70-130	3	25
1,2,3-Trichlorobenzene	102	110	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 Batch: WG292073-1 WG292073-2					
1,2,4-Trichlorobenzene	102	107	70-130	5	25
1,3,5-Trimethylbenzene	104	108	70-130	4	25
1,2,4-Trimethylbenzene	108	109	70-130	1	25
Ethyl ether	108	112	70-130	4	25
Isopropyl Ether	99	99	70-130	0	25
Ethyl-Tert-Butyl-Ether	88	94	70-130	7	25
Tertiary-Amyl Methyl Ether	89	95	70-130	7	25
1,4-Dioxane	88	96	70-130	9	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	95		99		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 02 Batch: WG292074-1 WG292074-2					
Methylene chloride	90	88	70-130	2	25
1,1-Dichloroethane	99	100	70-130	1	25
Chloroform	101	102	70-130	1	25
Carbon tetrachloride	94	100	70-130	6	25
1,2-Dichloropropane	102	103	70-130	1	25
Dibromochloromethane	93	98	70-130	5	25
1,1,2-Trichloroethane	102	105	70-130	3	25
Tetrachloroethene	114	112	70-130	2	25
Chlorobenzene	105	105	70-130	0	25
Trichlorofluoromethane	99	97	70-130	2	25
1,2-Dichloroethane	97	100	70-130	3	25
1,1,1-Trichloroethane	99	100	70-130	1	25
Bromodichloromethane	97	101	70-130	4	25
trans-1,3-Dichloropropene	90	96	70-130	6	25
cis-1,3-Dichloropropene	90	95	70-130	5	25
1,1-Dichloropropene	102	102	70-130	0	25
Bromoform	88	99	70-130	12	50
1,1,2,2-Tetrachloroethane	94	104	70-130	10	25
Benzene	102	101	70-130	1	25
Toluene	105	104	70-130	1	25
Ethylbenzene	108	108	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 02 Batch: WG292074-1 WG292074-2					
Chloromethane	83	82	70-130	1	50
Bromomethane	106	108	70-130	2	50
Vinyl chloride	89	90	70-130	1	25
Chloroethane	115	114	70-130	1	25
1,1-Dichloroethene	102	100	70-130	2	25
trans-1,2-Dichloroethene	104	104	70-130	0	25
Trichloroethene	103	102	70-130	1	25
1,2-Dichlorobenzene	104	108	70-130	4	25
1,3-Dichlorobenzene	107	108	70-130	1	25
1,4-Dichlorobenzene	103	108	70-130	5	25
Methyl tert butyl ether	82	88	70-130	7	25
p/m-Xylene	110	109	70-130	1	25
o-Xylene	108	108	70-130	0	25
cis-1,2-Dichloroethene	107	105	70-130	2	25
Dibromomethane	101	103	70-130	2	25
1,2,3-Trichloropropane	102	112	70-130	9	25
Styrene	105	105	70-130	0	25
Dichlorodifluoromethane	53	51	70-130	4	50
Acetone	78	79	70-130	1	50
Carbon disulfide	84	83	70-130	1	25
2-Butanone	79	89	70-130	12	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 02 Batch: WG292074-1 WG292074-2					
4-Methyl-2-pentanone	92	100	70-130	8	50
2-Hexanone	86	95	70-130	10	50
Bromochloromethane	99	99	70-130	0	25
Tetrahydrofuran	81	90	70-130	11	25
2,2-Dichloropropane	63	79	70-130	23	50
1,2-Dibromoethane	106	109	70-130	3	25
1,3-Dichloropropane	108	109	70-130	1	25
1,1,1,2-Tetrachloroethane	103	106	70-130	3	25
Bromobenzene	107	112	70-130	5	25
n-Butylbenzene	84	86	70-130	2	25
sec-Butylbenzene	111	113	70-130	2	25
tert-Butylbenzene	108	113	70-130	5	25
o-Chlorotoluene	104	107	70-130	3	25
p-Chlorotoluene	105	108	70-130	3	25
1,2-Dibromo-3-chloropropane	82	91	70-130	10	50
Hexachlorobutadiene	104	105	70-130	1	25
Isopropylbenzene	116	121	70-130	4	25
p-Isopropyltoluene	115	116	70-130	1	25
Naphthalene	100	107	70-130	7	25
n-Propylbenzene	106	109	70-130	3	25
1,2,3-Trichlorobenzene	102	110	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712366

Project Number: 0051545

Report Date: 08/28/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 02 Batch: WG292074-1 WG292074-2					
1,2,4-Trichlorobenzene	102	107	70-130	5	25
1,3,5-Trimethylbenzene	104	108	70-130	4	25
1,2,4-Trimethylbenzene	108	109	70-130	1	25
Ethyl ether	108	112	70-130	4	25
Isopropyl Ether	99	99	70-130	0	25
Ethyl-Tert-Butyl-Ether	88	94	70-130	7	25
Tertiary-Amyl Methyl Ether	89	95	70-130	7	25
1,4-Dioxane	88	96	70-130	9	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	95		99		70-130
Dibromofluoromethane	94		95		70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

SAMPLE RESULTS

Lab ID: L0712366-01
Client ID: EL-CD23-2-20070827-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/27/07 12:10
Date Received: 08/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	79		%	0.10	1	-	08/27/07 17:00	30,2540G	AT



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

SAMPLE RESULTS

Lab ID: L0712366-02
Client ID: EL-DE1-2-20070827-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/27/07 12:12
Date Received: 08/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	76		%	0.10	1	-	08/27/07 17:00	30,2540G	AT



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712366

Report Date: 08/28/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-02 QC Batch ID: WG291982-1 QC Sample: L0712366-01 Client ID: EL-CD23-2-20070827-01					
Solids, Total	79	79	%	0	20

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712366**Project Number:** 0051545**Report Date:** 08/28/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712366-01A	Vial MeOH preserved	A	NA	2C	Y	Absent	MCP-8260LW-04
L0712366-01B	Vial water preserved	A	NA	2C	Y	Absent	MCP-8260LW-04
L0712366-01C	Plastic 2oz unpreserved for TS	A	NA	2C	Y	Absent	TS
L0712366-02A	Vial MeOH preserved	A	NA	2C	Y	Absent	MCP-8260H-04
L0712366-02B	Vial water preserved	A	NA	2C	Y	Absent	MCP-8260H-04
L0712366-02C	Plastic 2oz unpreserved for TS	A	NA	2C	Y	Absent	TS

Container Comments

L0712366-01A	Temp Probe
L0712366-01B	Temp Probe
L0712366-01C	Temp Probe
L0712366-02A	Temp Probe
L0712366-02B	Temp Probe
L0712366-02C	Temp Probe

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
 LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
 LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
 MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
 MSD - Matrix Spike Sample Duplicate: Refer to MS.
 NA - Not Applicable.
 NI - Not Ignitable.
 NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
 ND - Not detected at the reported detection limit for the sample.
 RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
 RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712366
Report Date: 08/28/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ALPHA

CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

RAYNHAM, MA
TEL: 508-822-9330
FAX: 508-822-3238

Client Information

Client: ERM - Boston

Address: 399 Baylston St. 6th Floor
Boston, MA 02116

Phone: 617 646 7800

Fax: 617 267 6447

Email: jason.flatery@erm.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA Soil Excavation

Project Location: Baylston Wayland

Project #: 0051545

Project Manager: Jason Flatery

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 24 HR 8/28/07 Time:

Date Rec'd in Lab: 8/27/07

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program

MA MCP

Criteria

82 LGW1

Billing Information

PO #:

ALPHA Job #: 20712366

Yes No Are MCP Analytical Methods Required?
 Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS
VOC B260 (LOW)
VOC B260 (HIGH)
Total Solids

SAMPLE HANDLING

- Filtration
- Done
- Not needed
- Lab to do
- Preservation
- Lab to do

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type	Preservative	Date/Time	Received By:	Date/Time
		Date	Time							
123456	01 E L - CD23-2-20070823-01	8/24/07	12:10	GW	JPF	V	V	P	Jason Flatery	8/27/07 05:25
	02 E L - DE1-2-20070823-01	8/24/07	12:12	GW	JDF	V	V	P	Jason Flatery	8/27/07 13:15

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By: *Jason Flatery*

Container Type: V V P
Preservative: H₂O F A

Date/Time: 8/27/07 12:52
Received By: *Jason Flatery*
Date/Time: 8/27/07 05:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.



ANALYTICAL REPORT

Lab Number: L0712179

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Jason Flattery

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Report Date: 08/27/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

Alpha Sample ID	Client ID	Sample Location
L0712179-01	*EL-AB23-20070822-01	RAYTHEON WAYLAND
L0712179-02	EL-AB45-20070822-01	RAYTHEON WAYLAND
L0712179-03	EL-AB67-20070822-01	RAYTHEON WAYLAND
L0712179-04	*EL-CD23-20070822-01	RAYTHEON WAYLAND
L0712179-05	EL-CD45-20070822-01	RAYTHEON WAYLAND
L0712179-06	EL-CD67-20070822-01	RAYTHEON WAYLAND
L0712179-07	*EL-EF23-20070822-01	RAYTHEON WAYLAND
L0712179-08	EL-EF45-20070822-01	RAYTHEON WAYLAND
L0712179-09	EL-EF67-20070822-01	RAYTHEON WAYLAND
L0712179-10	*EL-GH23-20070822-01	RAYTHEON WAYLAND
L0712179-11	EL-GH45-20070822-01	RAYTHEON WAYLAND
L0712179-12	EL-GH67-20070822-01	RAYTHEON WAYLAND
L0712179-13	EL-DE8-20070822-01	RAYTHEON WAYLAND
L0712179-14	*EL-DE1-20070822-01	RAYTHEON WAYLAND
L0712179-15	EL-STEP1-20070822-01	RAYTHEON WAYLAND
L0712179-16	EL-STEP2-20070822-01	RAYTHEON WAYLAND
L0712179-17	EL-STEP3-20070822-01	RAYTHEON WAYLAND
L0712179-18	EL-STEP4-20070822-01	RAYTHEON WAYLAND
L0712179-19	DUP-001-20070822-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A
A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Volatile Organics

L0712179-01 through -04, -07, -10, and -14 through -18 were processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane and L0712179-19 was processed against calibration curve, that utilized a quadratic fit for cis-1,3-Dichloroethene and trans-1,3-Dichloroethene.

L0712179-14 and -15 results for Trichloroethene are estimated because it exceeded the level of calibration. A high level screen analysis was performed and indicated this compound was present at a concentration of 132 ppb and 280ppb, respectively.

In reference to question E:

The WG291724-1/2 and WG291764-1/2 LCS/LCSD % recoveries for Trichlorofluoromethane are above the individual acceptance criteria for the compound, but within the overall method allowances.

The WG291744-4/5 LCS/LCSD % recoveries for Dichlorodifluoromethane, and the LCS % recovery for Bromomethane, both difficult analytes, are below the individual acceptance criteria for the compounds, but within the overall method allowances.

The WG291767-1 LCS % recovery for 2,2-Dichloropropane, a difficult analyte, is below, and the LCS % recoveries for Chloroethane and Trichlorofluoromethane are above, the individual acceptance criteria for the compounds, but within the overall method allowances.

The WG291909-1/2 LCS/LCSD % recoveries for Dichlorodifluoromethane and 2,2-Dichloropropane, both difficult analytes, are below the individual acceptance criteria for the compounds and the LCSD % recovery for Trichlorofluoromethane is above the individual acceptance criteria for the compounds, but within the overall method allowances.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: 

Title: Technical Director/Representative

Date: 08/27/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-01
Client ID: *EL-AB23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 19:39
Analyst: SE
Percent Solids: 81%

Date Collected: 08/22/07 14:00
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	2.7		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-01
 Client ID: *EL-AB23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	16		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.5	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-01

Date Collected: 08/22/07 14:00

Client ID: *EL-AB23-20070822-01

Date Received: 08/22/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.5	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	90		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-02
 Client ID: EL-AB45-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/23/07 22:34
 Analyst: SE
 Percent Solids: 80%

Date Collected: 08/22/07 14:05
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	7.3		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-02
 Client ID: EL-AB45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:05
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	14		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.5	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-02
 Client ID: EL-AB45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:05
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.5	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-03
Client ID: EL-AB67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 23:08
Analyst: SE
Percent Solids: 77%

Date Collected: 08/22/07 14:10
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	12		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-03
 Client ID: EL-AB67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:10
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	7.8		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.5	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-03
 Client ID: EL-AB67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:10
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.5	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-04
Client ID: *EL-CD23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 23:43
Analyst: SE
Percent Solids: 79%

Date Collected: 08/22/07 14:15
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Methylene chloride	ND		ug/kg	760	1
1,1-Dichloroethane	ND		ug/kg	110	1
Chloroform	ND		ug/kg	110	1
Carbon tetrachloride	ND		ug/kg	76	1
1,2-Dichloropropane	ND		ug/kg	270	1
Dibromochloromethane	ND		ug/kg	76	1
1,1,2-Trichloroethane	ND		ug/kg	110	1
Tetrachloroethene	82		ug/kg	76	1
Chlorobenzene	ND		ug/kg	76	1
Trichlorofluoromethane	ND		ug/kg	380	1
1,2-Dichloroethane	ND		ug/kg	76	1
1,1,1-Trichloroethane	ND		ug/kg	76	1
Bromodichloromethane	ND		ug/kg	76	1
trans-1,3-Dichloropropene	ND		ug/kg	76	1
cis-1,3-Dichloropropene	ND		ug/kg	76	1
1,1-Dichloropropene	ND		ug/kg	380	1
Bromoform	ND		ug/kg	310	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	76	1
Benzene	ND		ug/kg	76	1
Toluene	ND		ug/kg	110	1
Ethylbenzene	ND		ug/kg	76	1
Chloromethane	ND		ug/kg	380	1
Bromomethane	ND		ug/kg	150	1
Vinyl chloride	ND		ug/kg	150	1
Chloroethane	ND		ug/kg	150	1
1,1-Dichloroethene	ND		ug/kg	76	1
trans-1,2-Dichloroethene	ND		ug/kg	110	1
Trichloroethene	920		ug/kg	76	1
1,2-Dichlorobenzene	ND		ug/kg	380	1
1,3-Dichlorobenzene	ND		ug/kg	380	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-04
 Client ID: *EL-CD23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
1,4-Dichlorobenzene	ND		ug/kg	380	1
Methyl tert butyl ether	ND		ug/kg	150	1
p/m-Xylene	ND		ug/kg	150	1
o-Xylene	ND		ug/kg	150	1
cis-1,2-Dichloroethene	ND		ug/kg	76	1
Dibromomethane	ND		ug/kg	760	1
1,2,3-Trichloropropane	ND		ug/kg	760	1
Styrene	ND		ug/kg	150	1
Dichlorodifluoromethane	ND		ug/kg	760	1
Acetone	ND		ug/kg	760	1
Carbon disulfide	ND		ug/kg	3800	1
2-Butanone	ND		ug/kg	760	1
4-Methyl-2-pentanone	ND		ug/kg	760	1
2-Hexanone	ND		ug/kg	760	1
Bromochloromethane	ND		ug/kg	380	1
Tetrahydrofuran	ND		ug/kg	1500	1
2,2-Dichloropropane	ND		ug/kg	380	1
1,2-Dibromoethane	ND		ug/kg	310	1
1,3-Dichloropropane	ND		ug/kg	380	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	76	1
Bromobenzene	ND		ug/kg	380	1
n-Butylbenzene	ND		ug/kg	76	1
sec-Butylbenzene	ND		ug/kg	76	1
tert-Butylbenzene	ND		ug/kg	380	1
o-Chlorotoluene	ND		ug/kg	380	1
p-Chlorotoluene	ND		ug/kg	380	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	1
Hexachlorobutadiene	ND		ug/kg	380	1
Isopropylbenzene	ND		ug/kg	76	1
p-Isopropyltoluene	ND		ug/kg	76	1
Naphthalene	ND		ug/kg	380	1
n-Propylbenzene	ND		ug/kg	76	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	1
1,3,5-Trimethylbenzene	ND		ug/kg	380	1
1,2,4-Trimethylbenzene	ND		ug/kg	380	1
Ethyl ether	ND		ug/kg	380	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-04
 Client ID: *EL-CD23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Isopropyl Ether	ND		ug/kg	310	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	310	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	310	1
1,4-Dioxane	ND		ug/kg	38000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	92		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-05
Client ID: EL-CD45-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 11:52
Analyst: SE
Percent Solids: 78%

Date Collected: 08/22/07 14:20
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.8	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	2.6		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.4	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.4	1
Bromoform	ND		ug/kg	4.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.4	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	4.0		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-05
 Client ID: EL-CD45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.4	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	54	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.4	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.4	1
1,2-Dibromoethane	ND		ug/kg	4.3	1
1,3-Dichloropropane	ND		ug/kg	5.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.4	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.4	1
o-Chlorotoluene	ND		ug/kg	5.4	1
p-Chlorotoluene	ND		ug/kg	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.4	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	1
Ethyl ether	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-05
 Client ID: EL-CD45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.3	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.3	1
1,4-Dioxane	ND		ug/kg	540	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-06
 Client ID: EL-CD67-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/24/07 12:28
 Analyst: SE
 Percent Solids: 81%

Date Collected: 08/22/07 14:25
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	3.6		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-06
 Client ID: EL-CD67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:25
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-06
 Client ID: EL-CD67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:25
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-07
Client ID: *EL-EF23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 08/24/07 10:04
Analyst: SE
Percent Solids: 81%

Date Collected: 08/22/07 15:10
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	2.4		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-07
 Client ID: *EL-EF23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:10
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	19		ug/kg	11	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-07
 Client ID: *EL-EF23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:10
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-08
 Client ID: EL-EF45-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/24/07 13:05
 Analyst: SE
 Percent Solids: 81%

Date Collected: 08/22/07 15:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-08
 Client ID: EL-EF45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	52		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.5	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-08
 Client ID: EL-EF45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.5	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-09
Client ID: EL-EF67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 13:41
Analyst: SE
Percent Solids: 81%

Date Collected: 08/22/07 14:30
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.8	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.5	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.5	1
Bromoform	ND		ug/kg	4.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.5	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-09
 Client ID: EL-EF67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:30
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.5	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	81		ug/kg	11	1
Carbon disulfide	ND		ug/kg	55	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.5	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.5	1
1,2-Dibromoethane	ND		ug/kg	4.4	1
1,3-Dichloropropane	ND		ug/kg	5.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.5	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.5	1
o-Chlorotoluene	ND		ug/kg	5.5	1
p-Chlorotoluene	ND		ug/kg	5.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1
Hexachlorobutadiene	ND		ug/kg	5.5	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.5	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	1
Ethyl ether	ND		ug/kg	5.5	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-09
 Client ID: EL-EF67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:30
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.4	1
1,4-Dioxane	ND		ug/kg	550	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	107		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-10
 Client ID: *EL-GH23-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/24/07 10:40
 Analyst: SE
 Percent Solids: 84%

Date Collected: 08/22/07 15:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.8	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.5	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.5	1
Bromoform	ND		ug/kg	4.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.5	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-10
 Client ID: *EL-GH23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.5	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	55	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.5	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.5	1
1,2-Dibromoethane	ND		ug/kg	4.4	1
1,3-Dichloropropane	ND		ug/kg	5.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.5	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.5	1
o-Chlorotoluene	ND		ug/kg	5.5	1
p-Chlorotoluene	ND		ug/kg	5.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1
Hexachlorobutadiene	ND		ug/kg	5.5	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.5	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	1
Ethyl ether	ND		ug/kg	5.5	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-10
 Client ID: *EL-GH23-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.4	1
1,4-Dioxane	ND		ug/kg	550	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-11
Client ID: EL-GH45-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 14:18
Analyst: SE
Percent Solids: 82%

Date Collected: 08/22/07 15:25
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.5	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	ND		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.0	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.0	1
Bromoform	ND		ug/kg	4.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.0	1
Bromomethane	ND		ug/kg	2.0	1
Vinyl chloride	ND		ug/kg	2.0	1
Chloroethane	ND		ug/kg	2.0	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	ND		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-11
 Client ID: EL-GH45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:25
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.0	1
Methyl tert butyl ether	ND		ug/kg	2.0	1
p/m-Xylene	ND		ug/kg	2.0	1
o-Xylene	ND		ug/kg	2.0	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.0	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	50	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.0	1
Tetrahydrofuran	ND		ug/kg	20	1
2,2-Dichloropropane	ND		ug/kg	5.0	1
1,2-Dibromoethane	ND		ug/kg	4.0	1
1,3-Dichloropropane	ND		ug/kg	5.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.0	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.0	1
o-Chlorotoluene	ND		ug/kg	5.0	1
p-Chlorotoluene	ND		ug/kg	5.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1
Hexachlorobutadiene	ND		ug/kg	5.0	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.0	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	1
Ethyl ether	ND		ug/kg	5.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-11
 Client ID: EL-GH45-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:25
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	1
1,4-Dioxane	ND		ug/kg	500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	107		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-12
 Client ID: EL-GH67-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/24/07 14:55
 Analyst: SE
 Percent Solids: 83%

Date Collected: 08/22/07 14:35
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.8	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.4	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.4	1
Bromoform	ND		ug/kg	4.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.4	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-12
 Client ID: EL-GH67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:35
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.4	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	54	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.4	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.4	1
1,2-Dibromoethane	ND		ug/kg	4.3	1
1,3-Dichloropropane	ND		ug/kg	5.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.4	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.4	1
o-Chlorotoluene	ND		ug/kg	5.4	1
p-Chlorotoluene	ND		ug/kg	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.4	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	1
Ethyl ether	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-12
 Client ID: EL-GH67-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:35
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.3	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.3	1
1,4-Dioxane	ND		ug/kg	540	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-13
Client ID: EL-DE8-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 15:32
Analyst: SE
Percent Solids: 78%

Date Collected: 08/22/07 14:40
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.2	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.2	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.2	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-13
 Client ID: EL-DE8-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:40
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.2	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	52	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.2	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.2	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.2	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.2	1
o-Chlorotoluene	ND		ug/kg	5.2	1
p-Chlorotoluene	ND		ug/kg	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1
Hexachlorobutadiene	ND		ug/kg	5.2	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	1
Ethyl ether	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-13
 Client ID: EL-DE8-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:40
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-14
Client ID: *EL-DE1-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 11:16
Analyst: SE
Percent Solids: 83%

Date Collected: 08/22/07 15:05
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.6	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	23		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.1	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.1	1
Bromoform	ND		ug/kg	4.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.1	1
Bromomethane	ND		ug/kg	2.0	1
Vinyl chloride	ND		ug/kg	2.0	1
Chloroethane	ND		ug/kg	2.0	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	310	E	ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-14
 Client ID: *EL-DE1-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:05
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.1	1
Methyl tert butyl ether	ND		ug/kg	2.0	1
p/m-Xylene	ND		ug/kg	2.0	1
o-Xylene	ND		ug/kg	2.0	1
cis-1,2-Dichloroethene	8.6		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.0	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	92		ug/kg	10	1
Carbon disulfide	ND		ug/kg	51	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.1	1
Tetrahydrofuran	ND		ug/kg	20	1
2,2-Dichloropropane	ND		ug/kg	5.1	1
1,2-Dibromoethane	ND		ug/kg	4.1	1
1,3-Dichloropropane	ND		ug/kg	5.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.1	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.1	1
o-Chlorotoluene	ND		ug/kg	5.1	1
p-Chlorotoluene	ND		ug/kg	5.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1
Hexachlorobutadiene	ND		ug/kg	5.1	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.1	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	1
Ethyl ether	ND		ug/kg	5.1	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-14
 Client ID: *EL-DE1-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:05
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.1	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.1	1
1,4-Dioxane	ND		ug/kg	510	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-15
Client ID: EL-STEP1-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 18:23
Analyst: PD
Percent Solids: 77%

Date Collected: 08/22/07 14:45
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	120		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	240	E	ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-15
 Client ID: EL-STEP1-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:45
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	100		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.5	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-15
 Client ID: EL-STEP1-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:45
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.5	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	106		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-16
Client ID: EL-STEP2-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 18:59
Analyst: PD
Percent Solids: 76%

Date Collected: 08/22/07 14:50
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.8	1
Chloroform	ND		ug/kg	1.8	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.1	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	82		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.9	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.9	1
Bromoform	ND		ug/kg	4.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.8	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.9	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	150		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-16
 Client ID: EL-STEP2-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:50
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.9	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	10		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	48		ug/kg	12	1
Carbon disulfide	ND		ug/kg	59	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.9	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.9	1
1,2-Dibromoethane	ND		ug/kg	4.7	1
1,3-Dichloropropane	ND		ug/kg	5.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.9	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.9	1
o-Chlorotoluene	ND		ug/kg	5.9	1
p-Chlorotoluene	ND		ug/kg	5.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	1
Hexachlorobutadiene	ND		ug/kg	5.9	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.9	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	1
Ethyl ether	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-16
 Client ID: EL-STEP2-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:50
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.7	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.7	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.7	1
1,4-Dioxane	ND		ug/kg	590	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-17
Client ID: EL-STEP3-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 19:35
Analyst: PD
Percent Solids: 78%

Date Collected: 08/22/07 14:55
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.5	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	24		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.0	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.0	1
Bromoform	ND		ug/kg	4.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.0	1
Bromomethane	ND		ug/kg	2.0	1
Vinyl chloride	ND		ug/kg	2.0	1
Chloroethane	ND		ug/kg	2.0	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	32		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-17
 Client ID: EL-STEP3-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:55
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.0	1
Methyl tert butyl ether	ND		ug/kg	2.0	1
p/m-Xylene	ND		ug/kg	2.0	1
o-Xylene	ND		ug/kg	2.0	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.0	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	50	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.0	1
Tetrahydrofuran	ND		ug/kg	20	1
2,2-Dichloropropane	ND		ug/kg	5.0	1
1,2-Dibromoethane	ND		ug/kg	4.0	1
1,3-Dichloropropane	ND		ug/kg	5.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.0	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.0	1
o-Chlorotoluene	ND		ug/kg	5.0	1
p-Chlorotoluene	ND		ug/kg	5.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1
Hexachlorobutadiene	ND		ug/kg	5.0	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.0	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	1
Ethyl ether	ND		ug/kg	5.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-17
 Client ID: EL-STEP3-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 14:55
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	1
1,4-Dioxane	ND		ug/kg	500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	107		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-18
Client ID: EL-STEP4-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 20:11
Analyst: PD
Percent Solids: 79%

Date Collected: 08/22/07 15:00
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.9	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.6	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.6	1
Bromoform	ND		ug/kg	4.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.6	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	4.5		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-18
 Client ID: EL-STEP4-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.6	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	56	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.6	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.6	1
1,2-Dibromoethane	ND		ug/kg	4.4	1
1,3-Dichloropropane	ND		ug/kg	5.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.6	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.6	1
o-Chlorotoluene	ND		ug/kg	5.6	1
p-Chlorotoluene	ND		ug/kg	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1
Hexachlorobutadiene	ND		ug/kg	5.6	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	1
Ethyl ether	ND		ug/kg	5.6	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-18
 Client ID: EL-STEP4-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 15:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.4	1
1,4-Dioxane	ND		ug/kg	560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-19
Client ID: DUP-001-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 10:33
Analyst: PD
Percent Solids: 78%

Date Collected: 08/22/07 00:00
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Methylene chloride	ND		ug/kg	770	1
1,1-Dichloroethane	ND		ug/kg	120	1
Chloroform	ND		ug/kg	120	1
Carbon tetrachloride	ND		ug/kg	77	1
1,2-Dichloropropane	ND		ug/kg	270	1
Dibromochloromethane	ND		ug/kg	77	1
1,1,2-Trichloroethane	ND		ug/kg	120	1
Tetrachloroethene	ND		ug/kg	77	1
Chlorobenzene	ND		ug/kg	77	1
Trichlorofluoromethane	ND		ug/kg	390	1
1,2-Dichloroethane	ND		ug/kg	77	1
1,1,1-Trichloroethane	ND		ug/kg	77	1
Bromodichloromethane	ND		ug/kg	77	1
trans-1,3-Dichloropropene	ND		ug/kg	77	1
cis-1,3-Dichloropropene	ND		ug/kg	77	1
1,1-Dichloropropene	ND		ug/kg	390	1
Bromoform	ND		ug/kg	310	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	77	1
Benzene	ND		ug/kg	77	1
Toluene	ND		ug/kg	120	1
Ethylbenzene	ND		ug/kg	77	1
Chloromethane	ND		ug/kg	390	1
Bromomethane	ND		ug/kg	150	1
Vinyl chloride	ND		ug/kg	150	1
Chloroethane	ND		ug/kg	150	1
1,1-Dichloroethene	ND		ug/kg	77	1
trans-1,2-Dichloroethene	ND		ug/kg	120	1
Trichloroethene	700		ug/kg	77	1
1,2-Dichlorobenzene	ND		ug/kg	390	1
1,3-Dichlorobenzene	ND		ug/kg	390	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-19
 Client ID: DUP-001-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 00:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
1,4-Dichlorobenzene	ND		ug/kg	390	1
Methyl tert butyl ether	ND		ug/kg	150	1
p/m-Xylene	ND		ug/kg	150	1
o-Xylene	ND		ug/kg	150	1
cis-1,2-Dichloroethene	ND		ug/kg	77	1
Dibromomethane	ND		ug/kg	770	1
1,2,3-Trichloropropane	ND		ug/kg	770	1
Styrene	ND		ug/kg	150	1
Dichlorodifluoromethane	ND		ug/kg	770	1
Acetone	ND		ug/kg	770	1
Carbon disulfide	ND		ug/kg	3900	1
2-Butanone	ND		ug/kg	770	1
4-Methyl-2-pentanone	ND		ug/kg	770	1
2-Hexanone	ND		ug/kg	770	1
Bromochloromethane	ND		ug/kg	390	1
Tetrahydrofuran	ND		ug/kg	1500	1
2,2-Dichloropropane	ND		ug/kg	390	1
1,2-Dibromoethane	ND		ug/kg	310	1
1,3-Dichloropropane	ND		ug/kg	390	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	77	1
Bromobenzene	ND		ug/kg	390	1
n-Butylbenzene	ND		ug/kg	77	1
sec-Butylbenzene	ND		ug/kg	77	1
tert-Butylbenzene	ND		ug/kg	390	1
o-Chlorotoluene	ND		ug/kg	390	1
p-Chlorotoluene	ND		ug/kg	390	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	1
Hexachlorobutadiene	ND		ug/kg	390	1
Isopropylbenzene	ND		ug/kg	77	1
p-Isopropyltoluene	ND		ug/kg	77	1
Naphthalene	ND		ug/kg	390	1
n-Propylbenzene	ND		ug/kg	77	1
1,2,3-Trichlorobenzene	ND		ug/kg	390	1
1,2,4-Trichlorobenzene	ND		ug/kg	390	1
1,3,5-Trimethylbenzene	ND		ug/kg	390	1
1,2,4-Trimethylbenzene	ND		ug/kg	390	1
Ethyl ether	ND		ug/kg	390	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-19
 Client ID: DUP-001-20070822-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/22/07 00:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Isopropyl Ether	ND		ug/kg	310	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	310	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	310	1
1,4-Dioxane	ND		ug/kg	39000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	87		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG291724-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG291724-3				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG291724-3				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:48
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 19 Batch: WG291744-6				
Methylene chloride	ND		ug/kg	500
1,1-Dichloroethane	ND		ug/kg	75
Chloroform	ND		ug/kg	75
Carbon tetrachloride	ND		ug/kg	50
1,2-Dichloropropane	ND		ug/kg	180
Dibromochloromethane	ND		ug/kg	50
1,1,2-Trichloroethane	ND		ug/kg	75
Tetrachloroethene	ND		ug/kg	50
Chlorobenzene	ND		ug/kg	50
Trichlorofluoromethane	ND		ug/kg	250
1,2-Dichloroethane	ND		ug/kg	50
1,1,1-Trichloroethane	ND		ug/kg	50
Bromodichloromethane	ND		ug/kg	50
trans-1,3-Dichloropropene	ND		ug/kg	50
cis-1,3-Dichloropropene	ND		ug/kg	50
1,1-Dichloropropene	ND		ug/kg	250
Bromoform	ND		ug/kg	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	50
Benzene	ND		ug/kg	50
Toluene	ND		ug/kg	75
Ethylbenzene	ND		ug/kg	50
Chloromethane	ND		ug/kg	250
Bromomethane	ND		ug/kg	100
Vinyl chloride	ND		ug/kg	100
Chloroethane	ND		ug/kg	100
1,1-Dichloroethene	ND		ug/kg	50
trans-1,2-Dichloroethene	ND		ug/kg	75
Trichloroethene	ND		ug/kg	50
1,2-Dichlorobenzene	ND		ug/kg	250
1,3-Dichlorobenzene	ND		ug/kg	250
1,4-Dichlorobenzene	ND		ug/kg	250



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:48
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 19 Batch: WG291744-6				
Methyl tert butyl ether	ND		ug/kg	100
p/m-Xylene	ND		ug/kg	100
o-Xylene	ND		ug/kg	100
cis-1,2-Dichloroethene	ND		ug/kg	50
Dibromomethane	ND		ug/kg	500
1,2,3-Trichloropropane	ND		ug/kg	500
Styrene	ND		ug/kg	100
Dichlorodifluoromethane	ND		ug/kg	500
Acetone	ND		ug/kg	500
Carbon disulfide	ND		ug/kg	2500
2-Butanone	ND		ug/kg	500
4-Methyl-2-pentanone	ND		ug/kg	500
2-Hexanone	ND		ug/kg	500
Bromochloromethane	ND		ug/kg	250
Tetrahydrofuran	ND		ug/kg	1000
2,2-Dichloropropane	ND		ug/kg	250
1,2-Dibromoethane	ND		ug/kg	200
1,3-Dichloropropane	ND		ug/kg	250
1,1,1,2-Tetrachloroethane	ND		ug/kg	50
Bromobenzene	ND		ug/kg	250
n-Butylbenzene	ND		ug/kg	50
sec-Butylbenzene	ND		ug/kg	50
tert-Butylbenzene	ND		ug/kg	250
o-Chlorotoluene	ND		ug/kg	250
p-Chlorotoluene	ND		ug/kg	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	250
Hexachlorobutadiene	ND		ug/kg	250
Isopropylbenzene	ND		ug/kg	50
p-Isopropyltoluene	ND		ug/kg	50
Naphthalene	ND		ug/kg	250
n-Propylbenzene	ND		ug/kg	50

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:48
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 19 Batch: WG291744-6				
1,2,3-Trichlorobenzene	ND		ug/kg	250
1,2,4-Trichlorobenzene	ND		ug/kg	250
1,3,5-Trimethylbenzene	ND		ug/kg	250
1,2,4-Trimethylbenzene	ND		ug/kg	250
Ethyl ether	ND		ug/kg	250
Isopropyl Ether	ND		ug/kg	200
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200
Tertiary-Amyl Methyl Ether	ND		ug/kg	200
1,4-Dioxane	ND		ug/kg	25000

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 04 Batch: WG291764-3				
Methylene chloride	ND		ug/kg	500
1,1-Dichloroethane	ND		ug/kg	75
Chloroform	ND		ug/kg	75
Carbon tetrachloride	ND		ug/kg	50
1,2-Dichloropropane	ND		ug/kg	180
Dibromochloromethane	ND		ug/kg	50
1,1,2-Trichloroethane	ND		ug/kg	75
Tetrachloroethene	ND		ug/kg	50
Chlorobenzene	ND		ug/kg	50
Trichlorofluoromethane	ND		ug/kg	250
1,2-Dichloroethane	ND		ug/kg	50
1,1,1-Trichloroethane	ND		ug/kg	50
Bromodichloromethane	ND		ug/kg	50
trans-1,3-Dichloropropene	ND		ug/kg	50
cis-1,3-Dichloropropene	ND		ug/kg	50
1,1-Dichloropropene	ND		ug/kg	250
Bromoform	ND		ug/kg	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	50
Benzene	ND		ug/kg	50
Toluene	ND		ug/kg	75
Ethylbenzene	ND		ug/kg	50
Chloromethane	ND		ug/kg	250
Bromomethane	ND		ug/kg	100
Vinyl chloride	ND		ug/kg	100
Chloroethane	ND		ug/kg	100
1,1-Dichloroethene	ND		ug/kg	50
trans-1,2-Dichloroethene	ND		ug/kg	75
Trichloroethene	ND		ug/kg	50
1,2-Dichlorobenzene	ND		ug/kg	250
1,3-Dichlorobenzene	ND		ug/kg	250
1,4-Dichlorobenzene	ND		ug/kg	250

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 04 Batch: WG291764-3				
Methyl tert butyl ether	ND		ug/kg	100
p/m-Xylene	ND		ug/kg	100
o-Xylene	ND		ug/kg	100
cis-1,2-Dichloroethene	ND		ug/kg	50
Dibromomethane	ND		ug/kg	500
1,2,3-Trichloropropane	ND		ug/kg	500
Styrene	ND		ug/kg	100
Dichlorodifluoromethane	ND		ug/kg	500
Acetone	ND		ug/kg	500
Carbon disulfide	ND		ug/kg	2500
2-Butanone	ND		ug/kg	500
4-Methyl-2-pentanone	ND		ug/kg	500
2-Hexanone	ND		ug/kg	500
Bromochloromethane	ND		ug/kg	250
Tetrahydrofuran	ND		ug/kg	1000
2,2-Dichloropropane	ND		ug/kg	250
1,2-Dibromoethane	ND		ug/kg	200
1,3-Dichloropropane	ND		ug/kg	250
1,1,1,2-Tetrachloroethane	ND		ug/kg	50
Bromobenzene	ND		ug/kg	250
n-Butylbenzene	ND		ug/kg	50
sec-Butylbenzene	ND		ug/kg	50
tert-Butylbenzene	ND		ug/kg	250
o-Chlorotoluene	ND		ug/kg	250
p-Chlorotoluene	ND		ug/kg	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	250
Hexachlorobutadiene	ND		ug/kg	250
Isopropylbenzene	ND		ug/kg	50
p-Isopropyltoluene	ND		ug/kg	50
Naphthalene	ND		ug/kg	250
n-Propylbenzene	ND		ug/kg	50

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/23/07 15:32
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 04 Batch: WG291764-3				
1,2,3-Trichlorobenzene	ND		ug/kg	250
1,2,4-Trichlorobenzene	ND		ug/kg	250
1,3,5-Trimethylbenzene	ND		ug/kg	250
1,2,4-Trimethylbenzene	ND		ug/kg	250
Ethyl ether	ND		ug/kg	250
Isopropyl Ether	ND		ug/kg	200
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200
Tertiary-Amyl Methyl Ether	ND		ug/kg	200
1,4-Dioxane	ND		ug/kg	25000

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:29
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 05-14 Batch: WG291767-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:29
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 05-14 Batch: WG291767-3				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 09:29
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 05-14 Batch: WG291767-3				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 17:46
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 15-18 Batch: WG291909-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 17:46
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 15-18 Batch: WG291909-3				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/24/07 17:46
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 15-18 Batch: WG291909-3				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG291724-1 WG291724-2					
Methylene chloride	86	86	70-130	0	25
1,1-Dichloroethane	103	108	70-130	5	25
Chloroform	112	113	70-130	1	25
Carbon tetrachloride	118	120	70-130	2	25
1,2-Dichloropropane	98	100	70-130	2	25
Dibromochloromethane	112	109	70-130	3	25
1,1,2-Trichloroethane	110	104	70-130	6	25
Tetrachloroethene	104	109	70-130	5	25
Chlorobenzene	102	102	70-130	0	25
Trichlorofluoromethane	132	134	70-130	2	25
1,2-Dichloroethane	125	120	70-130	4	25
1,1,1-Trichloroethane	116	120	70-130	3	25
Bromodichloromethane	116	114	70-130	2	25
trans-1,3-Dichloropropene	102	101	70-130	1	25
cis-1,3-Dichloropropene	95	95	70-130	0	25
1,1-Dichloropropene	101	106	70-130	5	25
Bromoform	113	110	70-130	3	50
1,1,2,2-Tetrachloroethane	109	102	70-130	7	25
Benzene	97	100	70-130	3	25
Toluene	98	103	70-130	5	25
Ethylbenzene	107	112	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG291724-1 WG291724-2					
Chloromethane	93	99	70-130	6	50
Bromomethane	126	126	70-130	0	50
Vinyl chloride	103	110	70-130	7	25
Chloroethane	115	120	70-130	4	25
1,1-Dichloroethene	100	102	70-130	2	25
trans-1,2-Dichloroethene	96	102	70-130	6	25
Trichloroethene	104	108	70-130	4	25
1,2-Dichlorobenzene	104	108	70-130	4	25
1,3-Dichlorobenzene	104	104	70-130	0	25
1,4-Dichlorobenzene	102	105	70-130	3	25
Methyl tert butyl ether	93	85	70-130	9	25
p/m-Xylene	101	107	70-130	6	25
o-Xylene	102	104	70-130	2	25
cis-1,2-Dichloroethene	102	105	70-130	3	25
Dibromomethane	116	109	70-130	6	25
1,2,3-Trichloropropane	128	116	70-130	10	25
Styrene	98	103	70-130	5	25
Dichlorodifluoromethane	72	75	70-130	4	50
Acetone	107	91	70-130	16	50
Carbon disulfide	91	96	70-130	5	25
2-Butanone	102	88	70-130	15	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG291724-1 WG291724-2					
4-Methyl-2-pentanone	109	94	70-130	15	50
2-Hexanone	108	100	70-130	8	50
Bromochloromethane	97	98	70-130	1	25
Tetrahydrofuran	91	83	70-130	9	25
2,2-Dichloropropane	76	78	70-130	3	50
1,2-Dibromoethane	111	106	70-130	5	25
1,3-Dichloropropane	110	110	70-130	0	25
1,1,1,2-Tetrachloroethane	112	114	70-130	2	25
Bromobenzene	102	107	70-130	5	25
n-Butylbenzene	87	92	70-130	6	25
sec-Butylbenzene	110	114	70-130	4	25
tert-Butylbenzene	108	112	70-130	4	25
o-Chlorotoluene	111	112	70-130	1	25
p-Chlorotoluene	112	114	70-130	2	25
1,2-Dibromo-3-chloropropane	122	112	70-130	9	50
Hexachlorobutadiene	105	110	70-130	5	25
Isopropylbenzene	115	119	70-130	3	25
p-Isopropyltoluene	112	115	70-130	3	25
Naphthalene	104	101	70-130	3	25
n-Propylbenzene	107	112	70-130	5	25
1,2,3-Trichlorobenzene	102	106	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG291724-1 WG291724-2					
1,2,4-Trichlorobenzene	102	105	70-130	3	25
1,3,5-Trimethylbenzene	109	110	70-130	1	25
1,2,4-Trimethylbenzene	109	113	70-130	4	25
Ethyl ether	116	112	70-130	4	25
Isopropyl Ether	97	96	70-130	1	25
Ethyl-Tert-Butyl-Ether	90	89	70-130	1	25
Tertiary-Amyl Methyl Ether	95	89	70-130	7	25
1,4-Dioxane	104	91	70-130	13	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116	110	70-130
Toluene-d8	99	100	70-130
4-Bromofluorobenzene	104	102	70-130
Dibromofluoromethane	107	103	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 19 Batch: WG291744-4 WG291744-5					
Methylene chloride	98	102	70-130	4	25
1,1-Dichloroethane	97	104	70-130	7	25
Chloroform	90	98	70-130	9	25
Carbon tetrachloride	85	92	70-130	8	25
1,2-Dichloropropane	98	107	70-130	9	25
Dibromochloromethane	70	80	70-130	13	25
1,1,2-Trichloroethane	99	109	70-130	10	25
Tetrachloroethene	100	106	70-130	6	25
Chlorobenzene	98	106	70-130	8	25
Trichlorofluoromethane	98	101	70-130	3	25
1,2-Dichloroethane	101	107	70-130	6	25
1,1,1-Trichloroethane	93	101	70-130	8	25
Bromodichloromethane	85	93	70-130	9	25
trans-1,3-Dichloropropene	81	90	70-130	11	25
cis-1,3-Dichloropropene	85	94	70-130	10	25
1,1-Dichloropropene	98	103	70-130	5	25
Bromoform	80	90	70-130	12	50
1,1,2,2-Tetrachloroethane	79	93	70-130	16	25
Benzene	98	104	70-130	6	25
Toluene	98	106	70-130	8	25
Ethylbenzene	103	111	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 19 Batch: WG291744-4 WG291744-5					
Chloromethane	73	73	70-130	0	50
Bromomethane	61	70	70-130	14	50
Vinyl chloride	92	94	70-130	2	25
Chloroethane	91	92	70-130	1	25
1,1-Dichloroethene	83	100	70-130	19	25
trans-1,2-Dichloroethene	94	98	70-130	4	25
Trichloroethene	96	104	70-130	8	25
1,2-Dichlorobenzene	96	107	70-130	11	25
1,3-Dichlorobenzene	98	108	70-130	10	25
1,4-Dichlorobenzene	96	106	70-130	10	25
Methyl tert butyl ether	86	101	70-130	16	25
p/m-Xylene	96	103	70-130	7	25
o-Xylene	96	107	70-130	11	25
cis-1,2-Dichloroethene	89	99	70-130	11	25
Dibromomethane	100	111	70-130	10	25
1,2,3-Trichloropropane	107	120	70-130	11	25
Styrene	97	108	70-130	11	25
Dichlorodifluoromethane	61	62	70-130	2	50
Acetone	97	113	70-130	15	50
Carbon disulfide	88	97	70-130	10	25
2-Butanone	91	120	70-130	27	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 19 Batch: WG291744-4 WG291744-5					
4-Methyl-2-pentanone	93	110	70-130	17	50
2-Hexanone	91	109	70-130	18	50
Bromochloromethane	89	93	70-130	4	25
Tetrahydrofuran	87	102	70-130	16	25
2,2-Dichloropropane	93	99	70-130	6	50
1,2-Dibromoethane	89	98	70-130	10	25
1,3-Dichloropropane	102	110	70-130	8	25
1,1,1,2-Tetrachloroethane	86	95	70-130	10	25
Bromobenzene	96	107	70-130	11	25
n-Butylbenzene	74	77	70-130	4	25
sec-Butylbenzene	103	110	70-130	7	25
tert-Butylbenzene	99	108	70-130	9	25
o-Chlorotoluene	98	107	70-130	9	25
p-Chlorotoluene	101	111	70-130	9	25
1,2-Dibromo-3-chloropropane	74	86	70-130	15	50
Hexachlorobutadiene	92	96	70-130	4	25
Isopropylbenzene	101	108	70-130	7	25
p-Isopropyltoluene	96	103	70-130	7	25
Naphthalene	91	104	70-130	13	25
n-Propylbenzene	102	112	70-130	9	25
1,2,3-Trichlorobenzene	92	101	70-130	9	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 19 Batch: WG291744-4 WG291744-5					
1,2,4-Trichlorobenzene	87	99	70-130	13	25
1,3,5-Trimethylbenzene	94	103	70-130	9	25
1,2,4-Trimethylbenzene	97	105	70-130	8	25
Ethyl ether	102	114	70-130	11	25
Isopropyl Ether	91	107	70-130	16	25
Ethyl-Tert-Butyl-Ether	89	106	70-130	17	25
Tertiary-Amyl Methyl Ether	86	103	70-130	18	25
1,4-Dioxane	90	105	70-130	15	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101	100	70-130
Toluene-d8	102	102	70-130
4-Bromofluorobenzene	99	100	70-130
Dibromofluoromethane	87	85	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 04 Batch: WG291764-1 WG291764-2					
Methylene chloride	86	86	70-130	0	25
1,1-Dichloroethane	103	108	70-130	5	25
Chloroform	112	113	70-130	1	25
Carbon tetrachloride	118	120	70-130	2	25
1,2-Dichloropropane	98	100	70-130	2	25
Dibromochloromethane	112	109	70-130	3	25
1,1,2-Trichloroethane	110	104	70-130	6	25
Tetrachloroethene	104	109	70-130	5	25
Chlorobenzene	102	102	70-130	0	25
Trichlorofluoromethane	132	134	70-130	2	25
1,2-Dichloroethane	125	120	70-130	4	25
1,1,1-Trichloroethane	116	120	70-130	3	25
Bromodichloromethane	116	114	70-130	2	25
trans-1,3-Dichloropropene	102	101	70-130	1	25
cis-1,3-Dichloropropene	95	95	70-130	0	25
1,1-Dichloropropene	101	106	70-130	5	25
Bromoform	113	110	70-130	3	50
1,1,2,2-Tetrachloroethane	109	102	70-130	7	25
Benzene	97	100	70-130	3	25
Toluene	98	103	70-130	5	25
Ethylbenzene	107	112	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 04 Batch: WG291764-1 WG291764-2					
Chloromethane	93	99	70-130	6	50
Bromomethane	126	126	70-130	0	50
Vinyl chloride	103	110	70-130	7	25
Chloroethane	115	120	70-130	4	25
1,1-Dichloroethene	100	102	70-130	2	25
trans-1,2-Dichloroethene	96	102	70-130	6	25
Trichloroethene	104	108	70-130	4	25
1,2-Dichlorobenzene	104	108	70-130	4	25
1,3-Dichlorobenzene	104	104	70-130	0	25
1,4-Dichlorobenzene	102	105	70-130	3	25
Methyl tert butyl ether	93	85	70-130	9	25
p/m-Xylene	101	107	70-130	6	25
o-Xylene	102	104	70-130	2	25
cis-1,2-Dichloroethene	102	105	70-130	3	25
Dibromomethane	116	109	70-130	6	25
1,2,3-Trichloropropane	128	116	70-130	10	25
Styrene	98	103	70-130	5	25
Dichlorodifluoromethane	72	75	70-130	4	50
Acetone	107	91	70-130	16	50
Carbon disulfide	91	96	70-130	5	25
2-Butanone	102	88	70-130	15	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 04 Batch: WG291764-1 WG291764-2					
4-Methyl-2-pentanone	109	94	70-130	15	50
2-Hexanone	108	100	70-130	8	50
Bromochloromethane	97	98	70-130	1	25
Tetrahydrofuran	91	83	70-130	9	25
2,2-Dichloropropane	76	78	70-130	3	50
1,2-Dibromoethane	111	106	70-130	5	25
1,3-Dichloropropane	110	110	70-130	0	25
1,1,1,2-Tetrachloroethane	112	114	70-130	2	25
Bromobenzene	102	107	70-130	5	25
n-Butylbenzene	87	92	70-130	6	25
sec-Butylbenzene	110	114	70-130	4	25
tert-Butylbenzene	108	112	70-130	4	25
o-Chlorotoluene	111	112	70-130	1	25
p-Chlorotoluene	112	114	70-130	2	25
1,2-Dibromo-3-chloropropane	122	112	70-130	9	50
Hexachlorobutadiene	105	110	70-130	5	25
Isopropylbenzene	115	119	70-130	3	25
p-Isopropyltoluene	112	115	70-130	3	25
Naphthalene	104	101	70-130	3	25
n-Propylbenzene	107	112	70-130	5	25
1,2,3-Trichlorobenzene	102	106	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 04 Batch: WG291764-1 WG291764-2					
1,2,4-Trichlorobenzene	102	105	70-130	3	25
1,3,5-Trimethylbenzene	109	110	70-130	1	25
1,2,4-Trimethylbenzene	109	113	70-130	4	25
Ethyl ether	116	112	70-130	4	25
Isopropyl Ether	97	96	70-130	1	25
Ethyl-Tert-Butyl-Ether	90	89	70-130	1	25
Tertiary-Amyl Methyl Ether	95	89	70-130	7	25
1,4-Dioxane	104	91	70-130	13	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116	110	70-130
Toluene-d8	99	100	70-130
4-Bromofluorobenzene	104	102	70-130
Dibromofluoromethane	107	103	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 05-14 Batch: WG291767-1 WG291767-2					
Methylene chloride	90	87	70-130	3	25
1,1-Dichloroethane	109	106	70-130	3	25
Chloroform	115	113	70-130	2	25
Carbon tetrachloride	114	115	70-130	1	25
1,2-Dichloropropane	102	100	70-130	2	25
Dibromochloromethane	108	109	70-130	1	25
1,1,2-Trichloroethane	108	109	70-130	1	25
Tetrachloroethene	110	112	70-130	2	25
Chlorobenzene	107	106	70-130	1	25
Trichlorofluoromethane	135	128	70-130	5	25
1,2-Dichloroethane	124	122	70-130	2	25
1,1,1-Trichloroethane	116	118	70-130	2	25
Bromodichloromethane	115	115	70-130	0	25
trans-1,3-Dichloropropene	98	104	70-130	6	25
cis-1,3-Dichloropropene	97	95	70-130	2	25
1,1-Dichloropropene	108	108	70-130	0	25
Bromoform	101	107	70-130	6	50
1,1,2,2-Tetrachloroethane	101	106	70-130	5	25
Benzene	103	99	70-130	4	25
Toluene	104	104	70-130	0	25
Ethylbenzene	113	114	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 05-14 Batch: WG291767-1 WG291767-2					
Chloromethane	96	94	70-130	2	50
Bromomethane	130	130	70-130	0	50
Vinyl chloride	108	107	70-130	1	25
Chloroethane	132	122	70-130	8	25
1,1-Dichloroethene	105	105	70-130	0	25
trans-1,2-Dichloroethene	106	102	70-130	4	25
Trichloroethene	109	106	70-130	3	25
1,2-Dichlorobenzene	106	108	70-130	2	25
1,3-Dichlorobenzene	108	111	70-130	3	25
1,4-Dichlorobenzene	108	107	70-130	1	25
Methyl tert butyl ether	82	83	70-130	1	25
p/m-Xylene	109	110	70-130	1	25
o-Xylene	106	108	70-130	2	25
cis-1,2-Dichloroethene	108	105	70-130	3	25
Dibromomethane	114	114	70-130	0	25
1,2,3-Trichloropropane	118	121	70-130	3	25
Styrene	106	106	70-130	0	25
Dichlorodifluoromethane	72	71	70-130	1	50
Acetone	99	87	70-130	13	50
Carbon disulfide	92	90	70-130	2	25
2-Butanone	82	87	70-130	6	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 05-14 Batch: WG291767-1 WG291767-2					
4-Methyl-2-pentanone	88	97	70-130	10	50
2-Hexanone	94	103	70-130	9	50
Bromochloromethane	98	102	70-130	4	25
Tetrahydrofuran	84	86	70-130	2	25
2,2-Dichloropropane	62	72	70-130	15	50
1,2-Dibromoethane	116	113	70-130	3	25
1,3-Dichloropropane	112	113	70-130	1	25
1,1,1,2-Tetrachloroethane	113	115	70-130	2	25
Bromobenzene	112	110	70-130	2	25
n-Butylbenzene	93	91	70-130	2	25
sec-Butylbenzene	116	113	70-130	3	25
tert-Butylbenzene	115	113	70-130	2	25
o-Chlorotoluene	116	115	70-130	1	25
p-Chlorotoluene	116	114	70-130	2	25
1,2-Dibromo-3-chloropropane	103	106	70-130	3	50
Hexachlorobutadiene	114	108	70-130	5	25
Isopropylbenzene	122	121	70-130	1	25
p-Isopropyltoluene	121	120	70-130	1	25
Naphthalene	102	104	70-130	2	25
n-Propylbenzene	114	113	70-130	1	25
1,2,3-Trichlorobenzene	105	105	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 05-14 Batch: WG291767-1 WG291767-2					
1,2,4-Trichlorobenzene	105	103	70-130	2	25
1,3,5-Trimethylbenzene	113	113	70-130	0	25
1,2,4-Trimethylbenzene	117	116	70-130	1	25
Ethyl ether	112	113	70-130	1	25
Isopropyl Ether	97	95	70-130	2	25
Ethyl-Tert-Butyl-Ether	87	88	70-130	1	25
Tertiary-Amyl Methyl Ether	90	88	70-130	2	25
1,4-Dioxane	80	95	70-130	17	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108	106	70-130
Toluene-d8	95	98	70-130
4-Bromofluorobenzene	101	101	70-130
Dibromofluoromethane	103	102	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 15-18 Batch: WG291909-1 WG291909-2					
Methylene chloride	91	86	70-130	6	25
1,1-Dichloroethane	98	104	70-130	6	25
Chloroform	111	112	70-130	1	25
Carbon tetrachloride	117	119	70-130	2	25
1,2-Dichloropropane	91	97	70-130	6	25
Dibromochloromethane	106	113	70-130	6	25
1,1,2-Trichloroethane	104	107	70-130	3	25
Tetrachloroethene	101	106	70-130	5	25
Chlorobenzene	95	100	70-130	5	25
Trichlorofluoromethane	129	134	70-130	4	25
1,2-Dichloroethane	124	127	70-130	2	25
1,1,1-Trichloroethane	114	118	70-130	3	25
Bromodichloromethane	116	118	70-130	2	25
trans-1,3-Dichloropropene	95	98	70-130	3	25
cis-1,3-Dichloropropene	88	92	70-130	4	25
1,1-Dichloropropene	98	104	70-130	6	25
Bromoform	105	109	70-130	4	50
1,1,2,2-Tetrachloroethane	105	100	70-130	5	25
Benzene	91	95	70-130	4	25
Toluene	98	100	70-130	2	25
Ethylbenzene	106	110	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 15-18 Batch: WG291909-1 WG291909-2					
Chloromethane	89	95	70-130	7	50
Bromomethane	105	108	70-130	3	50
Vinyl chloride	104	106	70-130	2	25
Chloroethane	116	114	70-130	2	25
1,1-Dichloroethene	93	99	70-130	6	25
trans-1,2-Dichloroethene	93	97	70-130	4	25
Trichloroethene	104	104	70-130	0	25
1,2-Dichlorobenzene	100	104	70-130	4	25
1,3-Dichlorobenzene	100	103	70-130	3	25
1,4-Dichlorobenzene	100	102	70-130	2	25
Methyl tert butyl ether	87	89	70-130	2	25
p/m-Xylene	101	104	70-130	3	25
o-Xylene	101	108	70-130	7	25
cis-1,2-Dichloroethene	95	98	70-130	3	25
Dibromomethane	111	115	70-130	4	25
1,2,3-Trichloropropane	119	116	70-130	3	25
Styrene	103	108	70-130	5	25
Dichlorodifluoromethane	61	61	70-130	0	50
Acetone	115	110	70-130	4	50
Carbon disulfide	85	89	70-130	5	25
2-Butanone	92	89	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 15-18 Batch: WG291909-1 WG291909-2					
4-Methyl-2-pentanone	104	98	70-130	6	50
2-Hexanone	109	106	70-130	3	50
Bromochloromethane	94	96	70-130	2	25
Tetrahydrofuran	94	95	70-130	1	25
2,2-Dichloropropane	61	67	70-130	9	50
1,2-Dibromoethane	110	112	70-130	2	25
1,3-Dichloropropane	107	109	70-130	2	25
1,1,1,2-Tetrachloroethane	112	114	70-130	2	25
Bromobenzene	99	102	70-130	3	25
n-Butylbenzene	89	88	70-130	1	25
sec-Butylbenzene	107	109	70-130	2	25
tert-Butylbenzene	105	107	70-130	2	25
o-Chlorotoluene	108	111	70-130	3	25
p-Chlorotoluene	108	111	70-130	3	25
1,2-Dibromo-3-chloropropane	118	110	70-130	7	50
Hexachlorobutadiene	105	106	70-130	1	25
Isopropylbenzene	111	116	70-130	4	25
p-Isopropyltoluene	112	113	70-130	1	25
Naphthalene	103	100	70-130	3	25
n-Propylbenzene	107	108	70-130	1	25
1,2,3-Trichlorobenzene	99	102	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 15-18 Batch: WG291909-1 WG291909-2					
1,2,4-Trichlorobenzene	96	96	70-130	0	25
1,3,5-Trimethylbenzene	104	108	70-130	4	25
1,2,4-Trimethylbenzene	108	110	70-130	2	25
Ethyl ether	121	117	70-130	3	25
Isopropyl Ether	96	100	70-130	4	25
Ethyl-Tert-Butyl-Ether	88	88	70-130	0	25
Tertiary-Amyl Methyl Ether	89	91	70-130	2	25
1,4-Dioxane	109	106	70-130	3	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119	121	70-130
Toluene-d8	96	103	70-130
4-Bromofluorobenzene	106	109	70-130
Dibromofluoromethane	104	109	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-01
Client ID: *EL-AB23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:00
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	81		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-02
Client ID: EL-AB45-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:05
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	80		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-03
Client ID: EL-AB67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:10
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	77		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-04
 Client ID: *EL-CD23-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/22/07 14:15
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	79		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-05
 Client ID: EL-CD45-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/22/07 14:20
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-06
Client ID: EL-CD67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:25
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	81		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-07
Client ID: *EL-EF23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:10
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	81		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-08
Client ID: EL-EF45-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:15
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	81		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-09
Client ID: EL-EF67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:30
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	81		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-10
Client ID: *EL-GH23-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:20
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	84		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-11
Client ID: EL-GH45-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:25
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	82		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-12
Client ID: EL-GH67-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:35
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	83		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-13
Client ID: EL-DE8-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:40
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-14
Client ID: *EL-DE1-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:05
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	83		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-15
Client ID: EL-STEP1-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:45
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	77		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-16
 Client ID: EL-STEP2-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/22/07 14:50
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	76		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-17
Client ID: EL-STEP3-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 14:55
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

SAMPLE RESULTS

Lab ID: L0712179-18
Client ID: EL-STEP4-20070822-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/22/07 15:00
Date Received: 08/22/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	79		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**SAMPLE RESULTS**

Lab ID: L0712179-19
 Client ID: DUP-001-20070822-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/22/07 00:00
 Date Received: 08/22/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/23/07 16:05	30,2540G	NM



Lab Duplicate Analysis
Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-19 QC Batch ID: WG291641-1 QC Sample: L0712179-01 Client ID: *EL-AB23-20070822-01					
Solids, Total	81	81	%	0	20

Project Name: NA SOIL EXCAVATION

Lab Number: L0712179

Project Number: 0051545

Report Date: 08/27/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712179-01A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-01B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-01C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-02A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-02B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-02C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-03A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-03B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-03C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-04A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712179-04B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712179-04C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-05A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-05B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-05C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-06A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-06B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-06C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-07A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-07B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-07C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-08A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-08B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-08C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-09A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-09B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-09C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-10A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-10B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-10C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712179

Report Date: 08/27/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712179-11A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-11B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-11C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-12A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-12B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-12C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-13A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-13B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-13C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-14A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-14B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-14C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-15A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-15B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-15C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-16A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-16B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-16C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-17A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-17B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-17C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-18A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-18B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712179-18C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS
L0712179-19A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712179-19B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712179-19C	Plastic 2oz unpreserved for TS	A	N/A	2C	Y	Absent	TS

Container Comments

L0712179-01A	Temp Probe
L0712179-01B	Temp Probe
L0712179-01C	Temp Probe
L0712179-02A	Temp Probe
L0712179-02B	Temp Probe

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
--------------	----------------	--------	----	------	------	------	----------

Container Comments

L0712179-02C Temp Probe

L0712179-03A Temp Probe

L0712179-03B Temp Probe

L0712179-03C Temp Probe

L0712179-04A Temp Probe

L0712179-04B Temp Probe

L0712179-04C Temp Probe

L0712179-05A Temp Probe

L0712179-05B Temp Probe

L0712179-05C Temp Probe

L0712179-06A Temp Probe

L0712179-06B Temp Probe

L0712179-06C Temp Probe

L0712179-07A Temp Probe

L0712179-07B Temp Probe

L0712179-07C Temp Probe

L0712179-08A Temp Probe

L0712179-08B Temp Probe

L0712179-08C Temp Probe

L0712179-09A Temp Probe

L0712179-09B Temp Probe

L0712179-09C Temp Probe

L0712179-10A Temp Probe

L0712179-10B Temp Probe

L0712179-10C Temp Probe

L0712179-11A Temp Probe

L0712179-11B Temp Probe

L0712179-11C Temp Probe

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712179**Project Number:** 0051545**Report Date:** 08/27/07**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
--------------	----------------	--------	----	------	------	------	----------

Container Comments

L0712179-12A Temp Probe

L0712179-12B Temp Probe

L0712179-12C Temp Probe

L0712179-13A Temp Probe

L0712179-13B Temp Probe

L0712179-13C Temp Probe

L0712179-14A Temp Probe

L0712179-14B Temp Probe

L0712179-14C Temp Probe

L0712179-15A

L0712179-15B Temp Probe

L0712179-15C Temp Probe

L0712179-16A Temp Probe

L0712179-16B Temp Probe

L0712179-16C Temp Probe

L0712179-17A Temp Probe

L0712179-17B Temp Probe

L0712179-17C Temp Probe

L0712179-18A Temp Probe

L0712179-18B Temp Probe

L0712179-18C Temp Probe

L0712179-19A

L0712179-19B Temp Probe

L0712179-19C Temp Probe

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD - Matrix Spike Sample Duplicate: Refer to MS.
NA - Not Applicable.
NI - Not Ignitable.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

- H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712179
Report Date: 08/27/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.





WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 2

Project Information

Project Name: N/A Soil Excavation

Project Location: RAYNHAM - WAYLAND

Project #: 0051545

Project Manager: Jason Flattery

ALPHA Quote #:

Turn-Around Time

Standard

Date Due: 24 Feb 2007 Time: 12:00 PM

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
* = Priority Samples. Please Analyze First

ALPHA Lab ID (Lab. Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials
---------------------------------	-----------	-----------------	------	---------------	--------------------

121719.1*	EL-AB23-20070822-01	8/22/07	14:00	S	JDF
2	EL-AB23-20070822-01		14:05		
3	EL-AB67-20070822-01		14:10		
4*	EL-CD23-20070822-01		14:15		
5	EL-CD45-20070822-01		14:20		
6	EL-CD67-20070822-01		14:25		
7*	EL-EF23-20070822-01		15:10		
8	EL-EF45-20070822-01		15:15		
9	EL-EF67-20070822-01		14:30		
10*	EL-GH23-20070822-01		15:20		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

FORM NO: 01-101 (rev. 10-OCT-06)

Date Rec'd in Lab: 8/27

Report Information - Data Deliverables

FAX EMAIL

ADDEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

MCP MCP Criteria S-2/GW-1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

ALPHA Job #: L0712179

Billing Information

Same as Client info

PO #:

ANALYSIS	RESULTS
VOCs 8210 HIGH	
VOCs 8260 LOW	
TOTAL SOLIDS	

SAMPLE HANDLING	STATUS
Filtration	<input type="checkbox"/> Done
	<input checked="" type="checkbox"/> Not needed
Lab to do	<input type="checkbox"/> Lab to do
Lab to do	<input type="checkbox"/> Lab to do

Container Type	Date/Time	Received By:	Date/Time
Preservative	<u>8/22/07 10:28</u>	<u>Wan an</u>	<u>8/22/07 14:20</u>

Relinquished By: [Signature]

Date/Time: 8/22/07 10:28

Received By: Wan an

Date/Time: 8/22/07 14:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.



CHAIN OF CUSTODY

Page 2 of 2

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

RAVNHAM, MA
TEL: 508-822-9300
FAX: 508-822-3298

Client Information

Client: ERM Boston
Address: 344 BOSTON ST 6TH FLOOR
BOSTON, MA 02116
Phone: (617) 641-7800
Fax: (617) 267-6447
Email: Jason.Flattery@erm.com

Project Information
Project Name: NA SOIL EXCAVATION
Project Location: RATHEON - WAREHO
Project #: 0051545
Project Manager: JASON FLATTERY
ALPHA Quote #:

Turn-Around Time
 Standard
 RUSH (only confirmed if pre-approved)
Date Due: 24th Sept Time: 12:00

Other Project Specific Requirements/Comments/Detection Limits:
*** = Priority Samples. Please Analyze First**

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
12179-11	EL-GH45-20070822-01	8/22/07	15:25	S	JDF
12	EL-GH67-20070822-01		14:35		
13	EL-DE8-20070822-01		14:46		
14 *	EL-DE1-20070822-01		15:05		
15	EL-STEP1-20070822-01		14:45		
16	EL-STEP2-20070822-01		14:50		
17	EL-STEP3-20070822-01		14:55		
18	EL-STEP4-20070822-01		15:00		
19	DMP-001-20070822-01	8/22/07	24:00	S	JDF

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

FORM NO: 01-01 (rev. 10-OCT-05)

Date Rec'd In Lab: 8/22

ALPHA Job #: W0712179

Report Information - Data Deliverables
 FAX
 EMAIL
 BADEX
 Add'l Deliverables

Billing Information
Same as Client info
PO #:

Regulatory Requirements/Report Limits
State / Fed Program: MCP Criteria: 5-2/gw-1
MAMCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

Are MCP Analytical Methods Required? Yes No
Are CT RCP (Reasonable Confidence Protocols) Required? Yes No

ANALYSIS
VOCs 8260 High
VOCs 8260 Low
TOTAL SOLIDS

SAMPLE HANDLING
Filtration Done
 Not needed
 Lab to do
Preservation Lab to do
(Please specify below)

Container Type	Preservative	Date/Time	Received By:	Date/Time
V	V	8/22/07 18:28	<u>WJ</u>	8/22/07 18:28
V	V			
P				

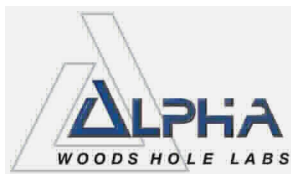
Retransmitted By: [Signature]

Date/Time: 8/22/07 18:28

Received By: WJ

Date/Time: 8/22/07 18:28

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.



ANALYTICAL REPORT

Lab Number: L0711219

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Jason Flattery

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Report Date: 08/10/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

Alpha Sample ID	Client ID	Sample Location
L0711219-01	SW-117-102-20070802-01	RAYTHEON WAYLAND
L0711219-02	SW-117-109-20070802-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION

Lab Number: L0711219

Project Number: 0051545

Report Date: 08/10/07

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A
A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Volatile Organics

L0711219-01 and -02 were processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

L0711219-01: The result for Trichloroethene should be considered estimated because it exceeded the level of calibration. This compound is not present in the methanol-preserved sample (that was split and preserved in-house).

L0711219-02: The Trichloroethene result may have been introduced from a previously analyzed sample. Insufficient sample remained for re-analysis.

In reference to question E:

The WG290043-3 LCS % recovery for Dichlorodifluoromethane is below the individual acceptance criteria for the compound, but within the overall method allowances.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: 

Title: Technical Director/Representative

Date: 08/10/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-01

Date Collected: 08/02/07 14:00

Client ID: SW-117-102-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/09/07 13:05

Analyst: PD

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	7.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	1
Chloroform	ND		ug/kg	1.2	1
Carbon tetrachloride	ND		ug/kg	0.79	1
1,2-Dichloropropane	ND		ug/kg	2.8	1
Dibromochloromethane	ND		ug/kg	0.79	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Tetrachloroethene	24		ug/kg	0.79	1
Chlorobenzene	ND		ug/kg	0.79	1
Trichlorofluoromethane	ND		ug/kg	4.0	1
1,2-Dichloroethane	ND		ug/kg	0.79	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	1
Bromodichloromethane	ND		ug/kg	0.79	1
trans-1,3-Dichloropropene	ND		ug/kg	0.79	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	1
1,1-Dichloropropene	ND		ug/kg	4.0	1
Bromoform	ND		ug/kg	3.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	1
Benzene	ND		ug/kg	0.79	1
Toluene	1.2		ug/kg	1.2	1
Ethylbenzene	ND		ug/kg	0.79	1
Chloromethane	ND		ug/kg	4.0	1
Bromomethane	ND		ug/kg	1.6	1
Vinyl chloride	ND		ug/kg	1.6	1
Chloroethane	ND		ug/kg	1.6	1
1,1-Dichloroethene	ND		ug/kg	0.79	1
trans-1,2-Dichloroethene	1.2		ug/kg	1.2	1
Trichloroethene	670	E	ug/kg	0.79	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-01

Date Collected: 08/02/07 14:00

Client ID: SW-117-102-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.0	1
Methyl tert butyl ether	ND		ug/kg	1.6	1
p/m-Xylene	ND		ug/kg	1.6	1
o-Xylene	ND		ug/kg	1.6	1
cis-1,2-Dichloroethene	5.9		ug/kg	0.79	1
Dibromomethane	ND		ug/kg	7.9	1
1,2,3-Trichloropropane	ND		ug/kg	7.9	1
Styrene	ND		ug/kg	1.6	1
Dichlorodifluoromethane	ND		ug/kg	7.9	1
Acetone	28		ug/kg	7.9	1
Carbon disulfide	ND		ug/kg	40	1
2-Butanone	ND		ug/kg	7.9	1
4-Methyl-2-pentanone	ND		ug/kg	7.9	1
2-Hexanone	ND		ug/kg	7.9	1
Bromochloromethane	ND		ug/kg	4.0	1
Tetrahydrofuran	ND		ug/kg	16	1
2,2-Dichloropropane	ND		ug/kg	4.0	1
1,2-Dibromoethane	ND		ug/kg	3.2	1
1,3-Dichloropropane	ND		ug/kg	4.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	1
Bromobenzene	ND		ug/kg	4.0	1
n-Butylbenzene	ND		ug/kg	0.79	1
sec-Butylbenzene	ND		ug/kg	0.79	1
tert-Butylbenzene	ND		ug/kg	4.0	1
o-Chlorotoluene	ND		ug/kg	4.0	1
p-Chlorotoluene	ND		ug/kg	4.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	1
Isopropylbenzene	ND		ug/kg	0.79	1
p-Isopropyltoluene	ND		ug/kg	0.79	1
Naphthalene	ND		ug/kg	4.0	1
n-Propylbenzene	ND		ug/kg	0.79	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.0	1
Ethyl ether	ND		ug/kg	4.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-01

Date Collected: 08/02/07 14:00

Client ID: SW-117-102-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.2	1
1,4-Dioxane	ND		ug/kg	400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-02

Date Collected: 08/02/07 13:55

Client ID: SW-117-109-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/09/07 13:40

Analyst: PD

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	8.1	1
1,1-Dichloroethane	ND		ug/kg	1.2	1
Chloroform	ND		ug/kg	1.2	1
Carbon tetrachloride	ND		ug/kg	0.81	1
1,2-Dichloropropane	ND		ug/kg	2.8	1
Dibromochloromethane	ND		ug/kg	0.81	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	1
Tetrachloroethene	ND		ug/kg	0.81	1
Chlorobenzene	ND		ug/kg	0.81	1
Trichlorofluoromethane	ND		ug/kg	4.0	1
1,2-Dichloroethane	ND		ug/kg	0.81	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	1
Bromodichloromethane	ND		ug/kg	0.81	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	1
1,1-Dichloropropene	ND		ug/kg	4.0	1
Bromoform	ND		ug/kg	3.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	1
Benzene	ND		ug/kg	0.81	1
Toluene	ND		ug/kg	1.2	1
Ethylbenzene	ND		ug/kg	0.81	1
Chloromethane	ND		ug/kg	4.0	1
Bromomethane	ND		ug/kg	1.6	1
Vinyl chloride	ND		ug/kg	1.6	1
Chloroethane	ND		ug/kg	1.6	1
1,1-Dichloroethene	ND		ug/kg	0.81	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	1
Trichloroethene	20		ug/kg	0.81	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-02

Date Collected: 08/02/07 13:55

Client ID: SW-117-109-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.0	1
Methyl tert butyl ether	ND		ug/kg	1.6	1
p/m-Xylene	ND		ug/kg	1.6	1
o-Xylene	ND		ug/kg	1.6	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	1
Dibromomethane	ND		ug/kg	8.1	1
1,2,3-Trichloropropane	ND		ug/kg	8.1	1
Styrene	ND		ug/kg	1.6	1
Dichlorodifluoromethane	ND		ug/kg	8.1	1
Acetone	15		ug/kg	8.1	1
Carbon disulfide	ND		ug/kg	40	1
2-Butanone	ND		ug/kg	8.1	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	1
2-Hexanone	ND		ug/kg	8.1	1
Bromochloromethane	ND		ug/kg	4.0	1
Tetrahydrofuran	ND		ug/kg	16	1
2,2-Dichloropropane	ND		ug/kg	4.0	1
1,2-Dibromoethane	ND		ug/kg	3.2	1
1,3-Dichloropropane	ND		ug/kg	4.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.81	1
Bromobenzene	ND		ug/kg	4.0	1
n-Butylbenzene	ND		ug/kg	0.81	1
sec-Butylbenzene	ND		ug/kg	0.81	1
tert-Butylbenzene	ND		ug/kg	4.0	1
o-Chlorotoluene	ND		ug/kg	4.0	1
p-Chlorotoluene	ND		ug/kg	4.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	1
Isopropylbenzene	ND		ug/kg	0.81	1
p-Isopropyltoluene	ND		ug/kg	0.81	1
Naphthalene	ND		ug/kg	4.0	1
n-Propylbenzene	ND		ug/kg	0.81	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.0	1
Ethyl ether	ND		ug/kg	4.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-02

Date Collected: 08/02/07 13:55

Client ID: SW-117-109-20070802-01

Date Received: 08/03/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.2	1
1,4-Dioxane	ND		ug/kg	400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	90		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/09/07 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG290043-6				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/09/07 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG290043-6				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/09/07 11:54
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG290043-6				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0711219

Report Date: 08/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG290043-4 WG290043-5					
Methylene chloride	80	82	70-130	2	25
1,1-Dichloroethane	98	102	70-130	4	25
Chloroform	103	108	70-130	5	25
Carbon tetrachloride	100	107	70-130	7	25
1,2-Dichloropropane	98	100	70-130	2	25
Dibromochloromethane	104	104	70-130	0	25
1,1,2-Trichloroethane	108	109	70-130	1	25
Tetrachloroethene	106	111	70-130	5	25
Chlorobenzene	103	104	70-130	1	25
Trichlorofluoromethane	111	122	70-130	9	25
1,2-Dichloroethane	112	113	70-130	1	25
1,1,1-Trichloroethane	107	112	70-130	5	25
Bromodichloromethane	104	104	70-130	0	25
trans-1,3-Dichloropropene	91	96	70-130	5	25
cis-1,3-Dichloropropene	88	91	70-130	3	25
1,1-Dichloropropene	98	107	70-130	9	25
Bromoform	108	104	70-130	4	50
1,1,2,2-Tetrachloroethane	111	104	70-130	7	25
Benzene	96	98	70-130	2	25
Toluene	103	106	70-130	3	25
Ethylbenzene	108	111	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0711219

Report Date: 08/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG290043-4 WG290043-5					
Chloromethane	90	94	70-130	4	50
Bromomethane	115	121	70-130	5	50
Vinyl chloride	96	105	70-130	9	25
Chloroethane	112	115	70-130	3	25
1,1-Dichloroethene	98	104	70-130	6	25
trans-1,2-Dichloroethene	97	104	70-130	7	25
Trichloroethene	100	104	70-130	4	25
1,2-Dichlorobenzene	108	108	70-130	0	25
1,3-Dichlorobenzene	107	112	70-130	5	25
1,4-Dichlorobenzene	105	107	70-130	2	25
Methyl tert butyl ether	116	95	70-130	20	25
p/m-Xylene	104	108	70-130	4	25
o-Xylene	112	111	70-130	1	25
cis-1,2-Dichloroethene	102	104	70-130	2	25
Dibromomethane	109	105	70-130	4	25
1,2,3-Trichloropropane	123	117	70-130	5	25
Styrene	112	108	70-130	4	25
Dichlorodifluoromethane	66	71	70-130	7	50
Acetone	105	99	70-130	6	50
Carbon disulfide	96	102	70-130	6	25
2-Butanone	106	92	70-130	14	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0711219

Report Date: 08/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG290043-4 WG290043-5					
4-Methyl-2-pentanone	117	106	70-130	10	50
2-Hexanone	119	108	70-130	10	50
Bromochloromethane	98	97	70-130	1	25
Tetrahydrofuran	114	92	70-130	21	25
2,2-Dichloropropane	70	73	70-130	4	50
1,2-Dibromoethane	109	105	70-130	4	25
1,3-Dichloropropane	110	110	70-130	0	25
1,1,1,2-Tetrachloroethane	111	112	70-130	1	25
Bromobenzene	108	109	70-130	1	25
n-Butylbenzene	88	94	70-130	7	25
sec-Butylbenzene	109	118	70-130	8	25
tert-Butylbenzene	109	117	70-130	7	25
o-Chlorotoluene	108	115	70-130	6	25
p-Chlorotoluene	110	116	70-130	5	25
1,2-Dibromo-3-chloropropane	122	102	70-130	18	50
Hexachlorobutadiene	107	114	70-130	6	25
Isopropylbenzene	117	124	70-130	6	25
p-Isopropyltoluene	115	124	70-130	8	25
Naphthalene	109	104	70-130	5	25
n-Propylbenzene	108	115	70-130	6	25
1,2,3-Trichlorobenzene	111	106	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0711219

Report Date: 08/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG290043-4 WG290043-5					
1,2,4-Trichlorobenzene	105	109	70-130	4	25
1,3,5-Trimethylbenzene	108	114	70-130	5	25
1,2,4-Trimethylbenzene	111	117	70-130	5	25
Ethyl ether	130	111	70-130	16	25
Isopropyl Ether	113	102	70-130	10	25
Ethyl-Tert-Butyl-Ether	120	99	70-130	19	25
Tertiary-Amyl Methyl Ether	123	101	70-130	20	25
1,4-Dioxane	107	102	70-130	5	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104	104	70-130
Toluene-d8	99	100	70-130
4-Bromofluorobenzene	101	106	70-130
Dibromofluoromethane	99	100	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

SAMPLE RESULTS

Lab ID: L0711219-01
Client ID: SW-117-102-20070802-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/02/07 14:00
Date Received: 08/03/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/09/07 15:45	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**SAMPLE RESULTS**

Lab ID: L0711219-02
Client ID: SW-117-109-20070802-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/02/07 13:55
Date Received: 08/03/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	08/09/07 15:45	30,2540G	NM



Lab Duplicate Analysis
Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0711219

Report Date: 08/10/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-02 QC Batch ID: WG290109-1 QC Sample: L0711427-02 Client ID: DUP Sample					
Solids, Total	83	83	%	0	20

Project Name: NA SOIL EXCAVATION**Lab Number:** L0711219**Project Number:** 0051545**Report Date:** 08/10/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0711219-01A	Plastic 2oz unpreserved for TS	A	N/A	2.3C	Y	Absent	TS
L0711219-01B	Vial water preserved	A	N/A	2.3C	Y	Absent	MCP-8260LW-04
L0711219-01X	Vial MeOH preserved split	A	N/A	2.3C	Y	Absent	MCP-8260LW-04
L0711219-02A	Plastic 2oz unpreserved for TS	A	N/A	2.3C	Y	Absent	TS
L0711219-02B	Vial water preserved	A	N/A	2.3C	Y	Absent	MCP-8260LW-04
L0711219-02X	Vial MeOH preserved split	A	N/A	2.3C	Y	Absent	MCP-8260LW-04

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD - Matrix Spike Sample Duplicate: Refer to MS.
NA - Not Applicable.
NI - Not Ignitable.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0711219
Report Date: 08/10/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ALPHA CHAIN OF CUSTODY

PAGE _____ OF _____

ALPHA
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: ERM - Boston
Address: 399 Baylston St. 6th Fl.
Boston, MA 02116
Phone: 617-646-7800
Fax: 617-267-6447
Email: jason.flattery@erm.com

Project Name: NA Soil Excavation
Project Location: Raytheon Wayland
Project #: 0051545
Project Manager: Jason Flattery
ALPHA Quote #:
Turn-Around Time
 Standard RUSH (only confirmed if pre-approved)
Date Due: 8/10 Time:

Date Rec'd in Lab: 8/3
Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables
Regulatory Requirements/Report Limits
State/Fed Program MCP Criteria 2-GW-1
MAMCP PRESUMPTIVE CERTAINTY ... CT REASONABLE CONFIDENCE PROTOCOLS
Are MCP Analytical Methods Required? Yes No
Are CT RCP (Reasonable Confidence Protocols) Required? Yes No

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials
11219.1	SW-117-102-20070802-01	8/2/07	14:00	S	BM
	SW-117-109-20070802-01	8/2/07	13:55	S	BM

ANALYSIS
VOCs B26D (Low)
Total Solids
BM
SAMPLE HANDLING
Filtration Done Not needed
Lab to do Lab to do
Preservation Lab to do
(Please specify below)

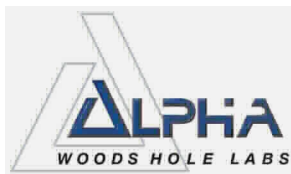
Container Type	Preservative	Date/Time	Received By:	Date/Time
<u>VP</u>	<u>H₂O w/VE</u>	<u>8/3/07 10:12</u>	<u>John De Dillis</u>	<u>8/3/07 18:30</u>

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By: [Signature] Date/Time: 8/3/07 10:12
Received By: John De Dillis Date/Time: 8/3/07 18:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.



ANALYTICAL REPORT

Lab Number: L0710770

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Jason Flattery

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Report Date: 08/06/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

Alpha Sample ID	Client ID	Sample Location
L0710770-01	SW-117-003-20070726-01	RAYTHEON WAYLAND
L0710770-02	SW-117-009-20070726-01	RAYTHEON WAYLAND
L0710770-03	SW-117-018-20070726-01	RAYTHEON WAYLAND
L0710770-04	SW-117-021-20070726-01	RAYTHEON WAYLAND
L0710770-05	SW-117-027-20070726-01	RAYTHEON WAYLAND
L0710770-06	SW-117-033-20070726-01	RAYTHEON WAYLAND
L0710770-07	SW-117-039-20070726-01	RAYTHEON WAYLAND
L0710770-08	SW-117-045-20070726-01	RAYTHEON WAYLAND
L0710770-09	SW-117-051-20070726-01	RAYTHEON WAYLAND
L0710770-10	SW-117-057-20070726-01	RAYTHEON WAYLAND
L0710770-11	SW-117-063-20070726-01	RAYTHEON WAYLAND
L0710770-12	SW-117-069-20070726-01	RAYTHEON WAYLAND
L0710770-13	SW-117-075-20070726-01	RAYTHEON WAYLAND
L0710770-14	SW-117-081-20070726-01	RAYTHEON WAYLAND
L0710770-15	SW-117-087-20070726-01	RAYTHEON WAYLAND
L0710770-16	SW-117-093-20070726-01	RAYTHEON WAYLAND
L0710770-17	SW-117-098-20070726-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A
A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Volatile Organics

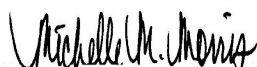
In reference to question E:

The WG289577-1/2 LCS/LCSD % recoveries for 2,2-Dichloropropane are below the individual acceptance criteria and the LCS % recoveries for 1,4-Dioxane and 4-Methyl-2-pentanone are above the individual acceptance criteria for the compounds, but within the overall method allowances. These are all difficult analytes.

The WG289577-4/5 LCS/LCSD % recoveries for 2,2-Dichloropropane are below the individual acceptance criteria for the compound, but within overall method allowances.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 08/06/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-01

Date Collected: 07/26/07 15:50

Client ID: SW-117-003-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/03/07 19:34

Analyst: SE

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	7.5		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-01

Date Collected: 07/26/07 15:50

Client ID: SW-117-003-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	1.4		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-01

Date Collected: 07/26/07 15:50

Client ID: SW-117-003-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	92		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-02

Date Collected: 07/26/07 15:52

Client ID: SW-117-009-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/03/07 20:11

Analyst: SE

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	4.6		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.2	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.2	1
Bromoform	ND		ug/kg	4.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.2	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	6.5		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-02

Date Collected: 07/26/07 15:52

Client ID: SW-117-009-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.2	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	18		ug/kg	10	1
Carbon disulfide	ND		ug/kg	52	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.2	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.2	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.2	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.2	1
o-Chlorotoluene	ND		ug/kg	5.2	1
p-Chlorotoluene	ND		ug/kg	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1
Hexachlorobutadiene	ND		ug/kg	5.2	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	1
Ethyl ether	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-02

Date Collected: 07/26/07 15:52

Client ID: SW-117-009-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-03

Date Collected: 07/26/07 15:54

Client ID: SW-117-018-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/03/07 20:48

Analyst: SE

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	9.2		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	59		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-03

Date Collected: 07/26/07 15:54

Client ID: SW-117-018-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	12		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	15		ug/kg	10	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-03

Date Collected: 07/26/07 15:54

Client ID: SW-117-018-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	94		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-04

Date Collected: 07/26/07 15:56

Client ID: SW-117-021-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 12:34

Analyst: SE

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.2	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.2	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.2	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-04

Date Collected: 07/26/07 15:56

Client ID: SW-117-021-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.2	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	52	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.2	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.2	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.2	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.2	1
o-Chlorotoluene	ND		ug/kg	5.2	1
p-Chlorotoluene	ND		ug/kg	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1
Hexachlorobutadiene	ND		ug/kg	5.2	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	1
Ethyl ether	ND		ug/kg	5.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-04

Date Collected: 07/26/07 15:56

Client ID: SW-117-021-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-05

Date Collected: 07/26/07 15:58

Client ID: SW-117-027-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 13:10

Analyst: SE

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.6	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	1.9		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.1	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.1	1
Bromoform	ND		ug/kg	4.1	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.1	1
Bromomethane	ND		ug/kg	2.0	1
Vinyl chloride	ND		ug/kg	2.0	1
Chloroethane	ND		ug/kg	2.0	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	2.1		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-05

Date Collected: 07/26/07 15:58

Client ID: SW-117-027-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.1	1
Methyl tert butyl ether	ND		ug/kg	2.0	1
p/m-Xylene	ND		ug/kg	2.0	1
o-Xylene	ND		ug/kg	2.0	1
cis-1,2-Dichloroethene	3.7		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.0	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	19		ug/kg	10	1
Carbon disulfide	ND		ug/kg	51	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.1	1
Tetrahydrofuran	ND		ug/kg	20	1
2,2-Dichloropropane	ND		ug/kg	5.1	1
1,2-Dibromoethane	ND		ug/kg	4.1	1
1,3-Dichloropropane	ND		ug/kg	5.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.1	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.1	1
o-Chlorotoluene	ND		ug/kg	5.1	1
p-Chlorotoluene	ND		ug/kg	5.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1
Hexachlorobutadiene	ND		ug/kg	5.1	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.1	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	1
Ethyl ether	ND		ug/kg	5.1	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-05

Date Collected: 07/26/07 15:58

Client ID: SW-117-027-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.1	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.1	1
1,4-Dioxane	ND		ug/kg	510	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-06

Date Collected: 07/26/07 16:00

Client ID: SW-117-033-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 13:47

Analyst: SE

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	2.8		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	2.5		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-06

Date Collected: 07/26/07 16:00

Client ID: SW-117-033-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	6.8		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	22		ug/kg	11	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-06

Date Collected: 07/26/07 16:00

Client ID: SW-117-033-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-07

Date Collected: 07/26/07 16:02

Client ID: SW-117-039-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 14:23

Analyst: SE

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	8.8	1
1,1-Dichloroethane	ND		ug/kg	1.3	1
Chloroform	ND		ug/kg	1.3	1
Carbon tetrachloride	ND		ug/kg	0.88	1
1,2-Dichloropropane	ND		ug/kg	3.1	1
Dibromochloromethane	ND		ug/kg	0.88	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	1
Tetrachloroethene	5.9		ug/kg	0.88	1
Chlorobenzene	ND		ug/kg	0.88	1
Trichlorofluoromethane	ND		ug/kg	4.4	1
1,2-Dichloroethane	ND		ug/kg	0.88	1
1,1,1-Trichloroethane	ND		ug/kg	0.88	1
Bromodichloromethane	ND		ug/kg	0.88	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	1
cis-1,3-Dichloropropene	ND		ug/kg	0.88	1
1,1-Dichloropropene	ND		ug/kg	4.4	1
Bromoform	ND		ug/kg	3.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.88	1
Benzene	ND		ug/kg	0.88	1
Toluene	ND		ug/kg	1.3	1
Ethylbenzene	ND		ug/kg	0.88	1
Chloromethane	ND		ug/kg	4.4	1
Bromomethane	ND		ug/kg	1.8	1
Vinyl chloride	ND		ug/kg	1.8	1
Chloroethane	ND		ug/kg	1.8	1
1,1-Dichloroethene	ND		ug/kg	0.88	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	1
Trichloroethene	19		ug/kg	0.88	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-07

Date Collected: 07/26/07 16:02

Client ID: SW-117-039-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.4	1
Methyl tert butyl ether	ND		ug/kg	1.8	1
p/m-Xylene	ND		ug/kg	1.8	1
o-Xylene	ND		ug/kg	1.8	1
cis-1,2-Dichloroethene	19		ug/kg	0.88	1
Dibromomethane	ND		ug/kg	8.8	1
1,2,3-Trichloropropane	ND		ug/kg	8.8	1
Styrene	ND		ug/kg	1.8	1
Dichlorodifluoromethane	ND		ug/kg	8.8	1
Acetone	44		ug/kg	8.8	1
Carbon disulfide	ND		ug/kg	44	1
2-Butanone	ND		ug/kg	8.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1
2-Hexanone	ND		ug/kg	8.8	1
Bromochloromethane	ND		ug/kg	4.4	1
Tetrahydrofuran	ND		ug/kg	18	1
2,2-Dichloropropane	ND		ug/kg	4.4	1
1,2-Dibromoethane	ND		ug/kg	3.5	1
1,3-Dichloropropane	ND		ug/kg	4.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.88	1
Bromobenzene	ND		ug/kg	4.4	1
n-Butylbenzene	ND		ug/kg	0.88	1
sec-Butylbenzene	ND		ug/kg	0.88	1
tert-Butylbenzene	ND		ug/kg	4.4	1
o-Chlorotoluene	ND		ug/kg	4.4	1
p-Chlorotoluene	ND		ug/kg	4.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1
Hexachlorobutadiene	ND		ug/kg	4.4	1
Isopropylbenzene	ND		ug/kg	0.88	1
p-Isopropyltoluene	ND		ug/kg	0.88	1
Naphthalene	ND		ug/kg	4.4	1
n-Propylbenzene	ND		ug/kg	0.88	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	1
Ethyl ether	ND		ug/kg	4.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-07

Date Collected: 07/26/07 16:02

Client ID: SW-117-039-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.5	1
1,4-Dioxane	ND		ug/kg	440	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-08

Date Collected: 07/26/07 16:04

Client ID: SW-117-045-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 15:00

Analyst: SE

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.8	1
Chloroform	ND		ug/kg	1.8	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.2	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	75		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.0	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	6.0	1
Bromoform	ND		ug/kg	4.8	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.8	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	6.0	1
Bromomethane	ND		ug/kg	2.4	1
Vinyl chloride	ND		ug/kg	2.4	1
Chloroethane	ND		ug/kg	2.4	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	230		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-08

Date Collected: 07/26/07 16:04

Client ID: SW-117-045-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.0	1
Methyl tert butyl ether	ND		ug/kg	2.4	1
p/m-Xylene	ND		ug/kg	2.4	1
o-Xylene	ND		ug/kg	2.4	1
cis-1,2-Dichloroethene	180		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.4	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	46		ug/kg	12	1
Carbon disulfide	ND		ug/kg	60	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	6.0	1
Tetrahydrofuran	ND		ug/kg	24	1
2,2-Dichloropropane	ND		ug/kg	6.0	1
1,2-Dibromoethane	ND		ug/kg	4.8	1
1,3-Dichloropropane	ND		ug/kg	6.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.0	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.0	1
o-Chlorotoluene	ND		ug/kg	6.0	1
p-Chlorotoluene	ND		ug/kg	6.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	1
Hexachlorobutadiene	ND		ug/kg	6.0	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.0	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	1
Ethyl ether	ND		ug/kg	6.0	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-08

Date Collected: 07/26/07 16:04

Client ID: SW-117-045-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.8	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.8	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.8	1
1,4-Dioxane	ND		ug/kg	600	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-09

Date Collected: 07/26/07 16:06

Client ID: SW-117-051-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 15:36

Analyst: SE

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.7	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	1.2		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.3	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.3	1
Bromoform	ND		ug/kg	4.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.3	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-09

Date Collected: 07/26/07 16:06

Client ID: SW-117-051-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.3	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	17		ug/kg	11	1
Carbon disulfide	ND		ug/kg	53	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.3	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.3	1
1,2-Dibromoethane	ND		ug/kg	4.3	1
1,3-Dichloropropane	ND		ug/kg	5.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.3	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.3	1
o-Chlorotoluene	ND		ug/kg	5.3	1
p-Chlorotoluene	ND		ug/kg	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.3	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	1
Ethyl ether	ND		ug/kg	5.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-09

Date Collected: 07/26/07 16:06

Client ID: SW-117-051-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.3	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.3	1
1,4-Dioxane	ND		ug/kg	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-10
Client ID: SW-117-057-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/04/07 16:12
Analyst: SE
Percent Solids: 77%

Date Collected: 07/26/07 16:08
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.8	1
Chloroform	ND		ug/kg	1.8	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.1	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.9	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.9	1
Bromoform	ND		ug/kg	4.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.8	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.9	1
Bromomethane	ND		ug/kg	2.4	1
Vinyl chloride	ND		ug/kg	2.4	1
Chloroethane	ND		ug/kg	2.4	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-10

Date Collected: 07/26/07 16:08

Client ID: SW-117-057-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.9	1
Methyl tert butyl ether	ND		ug/kg	2.4	1
p/m-Xylene	ND		ug/kg	2.4	1
o-Xylene	ND		ug/kg	2.4	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.4	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	59	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.9	1
Tetrahydrofuran	ND		ug/kg	24	1
2,2-Dichloropropane	ND		ug/kg	5.9	1
1,2-Dibromoethane	ND		ug/kg	4.7	1
1,3-Dichloropropane	ND		ug/kg	5.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.9	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.9	1
o-Chlorotoluene	ND		ug/kg	5.9	1
p-Chlorotoluene	ND		ug/kg	5.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	1
Hexachlorobutadiene	ND		ug/kg	5.9	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.9	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	1
Ethyl ether	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-10

Date Collected: 07/26/07 16:08

Client ID: SW-117-057-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.7	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.7	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.7	1
1,4-Dioxane	ND		ug/kg	590	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-11
 Client ID: SW-117-063-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/04/07 16:49
 Analyst: SE
 Percent Solids: 76%

Date Collected: 07/26/07 16:10
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.8	1
Chloroform	ND		ug/kg	1.8	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.3	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.1	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	6.1	1
Bromoform	ND		ug/kg	4.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.8	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	6.1	1
Bromomethane	ND		ug/kg	2.4	1
Vinyl chloride	ND		ug/kg	2.4	1
Chloroethane	ND		ug/kg	2.4	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-11

Date Collected: 07/26/07 16:10

Client ID: SW-117-063-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.1	1
Methyl tert butyl ether	ND		ug/kg	2.4	1
p/m-Xylene	ND		ug/kg	2.4	1
o-Xylene	ND		ug/kg	2.4	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.4	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	61	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	6.1	1
Tetrahydrofuran	ND		ug/kg	24	1
2,2-Dichloropropane	ND		ug/kg	6.1	1
1,2-Dibromoethane	ND		ug/kg	4.9	1
1,3-Dichloropropane	ND		ug/kg	6.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.1	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.1	1
o-Chlorotoluene	ND		ug/kg	6.1	1
p-Chlorotoluene	ND		ug/kg	6.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	1
Hexachlorobutadiene	ND		ug/kg	6.1	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.1	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	1
Ethyl ether	ND		ug/kg	6.1	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-11

Date Collected: 07/26/07 16:10

Client ID: SW-117-063-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.9	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.9	1
1,4-Dioxane	ND		ug/kg	610	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-12
Client ID: SW-117-069-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/04/07 17:25
Analyst: SE
Percent Solids: 78%

Date Collected: 07/26/07 16:12
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.1	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.8	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.8	1
Bromoform	ND		ug/kg	4.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.8	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-12

Date Collected: 07/26/07 16:12

Client ID: SW-117-069-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.8	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	47		ug/kg	12	1
Carbon disulfide	ND		ug/kg	58	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.8	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.8	1
1,2-Dibromoethane	ND		ug/kg	4.7	1
1,3-Dichloropropane	ND		ug/kg	5.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.8	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.8	1
o-Chlorotoluene	ND		ug/kg	5.8	1
p-Chlorotoluene	ND		ug/kg	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	1
Hexachlorobutadiene	ND		ug/kg	5.8	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.8	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	1
Ethyl ether	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-12

Date Collected: 07/26/07 16:12

Client ID: SW-117-069-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.7	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.7	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.7	1
1,4-Dioxane	ND		ug/kg	580	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-13
Client ID: SW-117-075-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/04/07 18:01
Analyst: SE
Percent Solids: 78%

Date Collected: 07/26/07 16:14
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.1	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.8	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.8	1
Bromoform	ND		ug/kg	4.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.8	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-13

Date Collected: 07/26/07 16:14

Client ID: SW-117-075-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.8	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	13		ug/kg	12	1
Carbon disulfide	ND		ug/kg	58	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.8	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.8	1
1,2-Dibromoethane	ND		ug/kg	4.7	1
1,3-Dichloropropane	ND		ug/kg	5.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.8	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.8	1
o-Chlorotoluene	ND		ug/kg	5.8	1
p-Chlorotoluene	ND		ug/kg	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	1
Hexachlorobutadiene	ND		ug/kg	5.8	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.8	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	1
Ethyl ether	ND		ug/kg	5.8	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-13

Date Collected: 07/26/07 16:14

Client ID: SW-117-075-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.7	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.7	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.7	1
1,4-Dioxane	ND		ug/kg	580	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-14

Date Collected: 07/26/07 16:16

Client ID: SW-117-081-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 18:37

Analyst: SE

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	3.8	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.4	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.4	1
Bromoform	ND		ug/kg	4.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.4	1
Bromomethane	ND		ug/kg	2.2	1
Vinyl chloride	ND		ug/kg	2.2	1
Chloroethane	ND		ug/kg	2.2	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-14

Date Collected: 07/26/07 16:16

Client ID: SW-117-081-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.4	1
Methyl tert butyl ether	ND		ug/kg	2.2	1
p/m-Xylene	ND		ug/kg	2.2	1
o-Xylene	ND		ug/kg	2.2	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.2	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	21		ug/kg	11	1
Carbon disulfide	ND		ug/kg	54	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.4	1
Tetrahydrofuran	ND		ug/kg	22	1
2,2-Dichloropropane	ND		ug/kg	5.4	1
1,2-Dibromoethane	ND		ug/kg	4.3	1
1,3-Dichloropropane	ND		ug/kg	5.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.4	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.4	1
o-Chlorotoluene	ND		ug/kg	5.4	1
p-Chlorotoluene	ND		ug/kg	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.4	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	1
Ethyl ether	ND		ug/kg	5.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-14

Date Collected: 07/26/07 16:16

Client ID: SW-117-081-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.3	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.3	1
1,4-Dioxane	ND		ug/kg	540	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-15

Date Collected: 07/26/07 16:18

Client ID: SW-117-087-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 19:13

Analyst: SE

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.8	1
Chloroform	ND		ug/kg	1.8	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.1	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	5.9	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	5.9	1
Bromoform	ND		ug/kg	4.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.8	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	5.9	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-15

Date Collected: 07/26/07 16:18

Client ID: SW-117-087-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.9	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	56		ug/kg	12	1
Carbon disulfide	ND		ug/kg	59	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	5.9	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.9	1
1,2-Dibromoethane	ND		ug/kg	4.7	1
1,3-Dichloropropane	ND		ug/kg	5.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	5.9	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	5.9	1
o-Chlorotoluene	ND		ug/kg	5.9	1
p-Chlorotoluene	ND		ug/kg	5.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	1
Hexachlorobutadiene	ND		ug/kg	5.9	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	5.9	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	1
Ethyl ether	ND		ug/kg	5.9	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-15

Date Collected: 07/26/07 16:18

Client ID: SW-117-087-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.7	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.7	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.7	1
1,4-Dioxane	ND		ug/kg	590	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-16

Date Collected: 07/26/07 16:20

Client ID: SW-117-093-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 19:49

Analyst: SE

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	13	1
1,1-Dichloroethane	ND		ug/kg	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.3	1
1,2-Dichloropropane	ND		ug/kg	4.4	1
Dibromochloromethane	ND		ug/kg	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	ND		ug/kg	1.3	1
Chlorobenzene	ND		ug/kg	1.3	1
Trichlorofluoromethane	ND		ug/kg	6.3	1
1,2-Dichloroethane	ND		ug/kg	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	1
Bromodichloromethane	ND		ug/kg	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	1
1,1-Dichloropropene	ND		ug/kg	6.3	1
Bromoform	ND		ug/kg	5.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Benzene	ND		ug/kg	1.3	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.3	1
Chloromethane	ND		ug/kg	6.3	1
Bromomethane	ND		ug/kg	2.5	1
Vinyl chloride	ND		ug/kg	2.5	1
Chloroethane	ND		ug/kg	2.5	1
1,1-Dichloroethene	ND		ug/kg	1.3	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	ND		ug/kg	1.3	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-16

Date Collected: 07/26/07 16:20

Client ID: SW-117-093-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.3	1
Methyl tert butyl ether	ND		ug/kg	2.5	1
p/m-Xylene	ND		ug/kg	2.5	1
o-Xylene	ND		ug/kg	2.5	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	1
Dibromomethane	ND		ug/kg	13	1
1,2,3-Trichloropropane	ND		ug/kg	13	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	13	1
Acetone	38		ug/kg	13	1
Carbon disulfide	ND		ug/kg	63	1
2-Butanone	ND		ug/kg	13	1
4-Methyl-2-pentanone	ND		ug/kg	13	1
2-Hexanone	ND		ug/kg	13	1
Bromochloromethane	ND		ug/kg	6.3	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.3	1
1,2-Dibromoethane	ND		ug/kg	5.1	1
1,3-Dichloropropane	ND		ug/kg	6.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Bromobenzene	ND		ug/kg	6.3	1
n-Butylbenzene	ND		ug/kg	1.3	1
sec-Butylbenzene	ND		ug/kg	1.3	1
tert-Butylbenzene	ND		ug/kg	6.3	1
o-Chlorotoluene	ND		ug/kg	6.3	1
p-Chlorotoluene	ND		ug/kg	6.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	1
Hexachlorobutadiene	ND		ug/kg	6.3	1
Isopropylbenzene	ND		ug/kg	1.3	1
p-Isopropyltoluene	ND		ug/kg	1.3	1
Naphthalene	ND		ug/kg	6.3	1
n-Propylbenzene	ND		ug/kg	1.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	1
Ethyl ether	ND		ug/kg	6.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-16

Date Collected: 07/26/07 16:20

Client ID: SW-117-093-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.1	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.1	1
1,4-Dioxane	ND		ug/kg	630	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-17

Date Collected: 07/26/07 16:22

Client ID: SW-117-098-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

Analytical Method: 60,8260B

Analytical Date: 08/04/07 20:24

Analyst: SE

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	13	1
1,1-Dichloroethane	ND		ug/kg	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.3	1
1,2-Dichloropropane	ND		ug/kg	4.5	1
Dibromochloromethane	ND		ug/kg	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	6.6		ug/kg	1.3	1
Chlorobenzene	ND		ug/kg	1.3	1
Trichlorofluoromethane	ND		ug/kg	6.4	1
1,2-Dichloroethane	ND		ug/kg	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	1
Bromodichloromethane	ND		ug/kg	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	1
1,1-Dichloropropene	ND		ug/kg	6.4	1
Bromoform	ND		ug/kg	5.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Benzene	ND		ug/kg	1.3	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.3	1
Chloromethane	ND		ug/kg	6.4	1
Bromomethane	ND		ug/kg	2.5	1
Vinyl chloride	ND		ug/kg	2.5	1
Chloroethane	ND		ug/kg	2.5	1
1,1-Dichloroethene	ND		ug/kg	1.3	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	87		ug/kg	1.3	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-17

Date Collected: 07/26/07 16:22

Client ID: SW-117-098-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.4	1
Methyl tert butyl ether	ND		ug/kg	2.5	1
p/m-Xylene	ND		ug/kg	2.5	1
o-Xylene	ND		ug/kg	2.5	1
cis-1,2-Dichloroethene	12		ug/kg	1.3	1
Dibromomethane	ND		ug/kg	13	1
1,2,3-Trichloropropane	ND		ug/kg	13	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	13	1
Acetone	17		ug/kg	13	1
Carbon disulfide	ND		ug/kg	64	1
2-Butanone	ND		ug/kg	13	1
4-Methyl-2-pentanone	ND		ug/kg	13	1
2-Hexanone	ND		ug/kg	13	1
Bromochloromethane	ND		ug/kg	6.4	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.4	1
1,2-Dibromoethane	ND		ug/kg	5.1	1
1,3-Dichloropropane	ND		ug/kg	6.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Bromobenzene	ND		ug/kg	6.4	1
n-Butylbenzene	ND		ug/kg	1.3	1
sec-Butylbenzene	ND		ug/kg	1.3	1
tert-Butylbenzene	ND		ug/kg	6.4	1
o-Chlorotoluene	ND		ug/kg	6.4	1
p-Chlorotoluene	ND		ug/kg	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	1
Hexachlorobutadiene	ND		ug/kg	6.4	1
Isopropylbenzene	ND		ug/kg	1.3	1
p-Isopropyltoluene	ND		ug/kg	1.3	1
Naphthalene	ND		ug/kg	6.4	1
n-Propylbenzene	ND		ug/kg	1.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	1
Ethyl ether	ND		ug/kg	6.4	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-17

Date Collected: 07/26/07 16:22

Client ID: SW-117-098-20070726-01

Date Received: 07/27/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.1	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.1	1
1,4-Dioxane	ND		ug/kg	640	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/03/07 18:20
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG289577-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/03/07 18:20
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG289577-3				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/03/07 18:20
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-03 Batch: WG289577-3				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/04/07 11:57
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 04-17 Batch: WG289577-6				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0
1,4-Dichlorobenzene	ND		ug/kg	5.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/04/07 11:57
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 04-17 Batch: WG289577-6				
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/04/07 11:57
Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 04-17 Batch: WG289577-6				
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG289577-1 WG289577-2					
Methylene chloride	96	88	70-130	9	25
1,1-Dichloroethane	100	99	70-130	1	25
Chloroform	96	96	70-130	0	25
Carbon tetrachloride	80	88	70-130	10	25
1,2-Dichloropropane	101	100	70-130	1	25
Dibromochloromethane	83	85	70-130	2	25
1,1,2-Trichloroethane	94	91	70-130	3	25
Tetrachloroethene	97	97	70-130	0	25
Chlorobenzene	92	93	70-130	1	25
Trichlorofluoromethane	97	96	70-130	1	25
1,2-Dichloroethane	97	95	70-130	2	25
1,1,1-Trichloroethane	95	97	70-130	2	25
Bromodichloromethane	92	95	70-130	3	25
trans-1,3-Dichloropropene	76	78	70-130	3	25
cis-1,3-Dichloropropene	87	86	70-130	1	25
1,1-Dichloropropene	98	98	70-130	0	25
Bromoform	85	86	70-130	1	50
1,1,2,2-Tetrachloroethane	92	93	70-130	1	25
Benzene	103	100	70-130	3	25
Toluene	94	93	70-130	1	25
Ethylbenzene	92	94	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG289577-1 WG289577-2					
Chloromethane	118	114	70-130	3	50
Bromomethane	90	101	70-130	12	50
Vinyl chloride	110	110	70-130	0	25
Chloroethane	122	113	70-130	8	25
1,1-Dichloroethene	108	108	70-130	0	25
trans-1,2-Dichloroethene	106	100	70-130	6	25
Trichloroethene	102	99	70-130	3	25
1,2-Dichlorobenzene	88	90	70-130	2	25
1,3-Dichlorobenzene	91	90	70-130	1	25
1,4-Dichlorobenzene	87	89	70-130	2	25
Methyl tert butyl ether	87	82	70-130	6	25
p/m-Xylene	94	96	70-130	2	25
o-Xylene	93	94	70-130	1	25
cis-1,2-Dichloroethene	110	104	70-130	6	25
Dibromomethane	102	101	70-130	1	25
1,2,3-Trichloropropane	100	102	70-130	2	25
Styrene	90	91	70-130	1	25
Dichlorodifluoromethane	112	112	70-130	0	50
Acetone	110	93	70-130	17	50
Carbon disulfide	94	89	70-130	5	25
2-Butanone	112	105	70-130	6	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG289577-1 WG289577-2					
4-Methyl-2-pentanone	131	121	70-130	8	50
2-Hexanone	110	106	70-130	4	50
Bromochloromethane	99	92	70-130	7	25
Tetrahydrofuran	100	96	70-130	4	25
2,2-Dichloropropane	57	66	70-130	15	50
1,2-Dibromoethane	100	95	70-130	5	25
1,3-Dichloropropane	96	93	70-130	3	25
1,1,1,2-Tetrachloroethane	90	90	70-130	0	25
Bromobenzene	91	92	70-130	1	25
n-Butylbenzene	71	74	70-130	4	25
sec-Butylbenzene	92	94	70-130	2	25
tert-Butylbenzene	91	94	70-130	3	25
o-Chlorotoluene	87	90	70-130	3	25
p-Chlorotoluene	89	91	70-130	2	25
1,2-Dibromo-3-chloropropane	87	90	70-130	3	50
Hexachlorobutadiene	84	86	70-130	2	25
Isopropylbenzene	98	102	70-130	4	25
p-Isopropyltoluene	96	98	70-130	2	25
Naphthalene	97	94	70-130	3	25
n-Propylbenzene	89	92	70-130	3	25
1,2,3-Trichlorobenzene	91	89	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-03 Batch: WG289577-1 WG289577-2					
1,2,4-Trichlorobenzene	90	90	70-130	0	25
1,3,5-Trimethylbenzene	89	91	70-130	2	25
1,2,4-Trimethylbenzene	91	92	70-130	1	25
Ethyl ether	88	87	70-130	1	25
Isopropyl Ether	92	89	70-130	3	25
Ethyl-Tert-Butyl-Ether	90	87	70-130	3	25
Tertiary-Amyl Methyl Ether	95	88	70-130	8	25
1,4-Dioxane	134	124	70-130	8	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96	95	70-130
Toluene-d8	95	96	70-130
4-Bromofluorobenzene	89	92	70-130
Dibromofluoromethane	102	99	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 04-17 Batch: WG289577-4 WG289577-5					
Methylene chloride	89	96	70-130	8	25
1,1-Dichloroethane	105	109	70-130	4	25
Chloroform	103	108	70-130	5	25
Carbon tetrachloride	103	103	70-130	0	25
1,2-Dichloropropane	102	109	70-130	7	25
Dibromochloromethane	92	96	70-130	4	25
1,1,2-Trichloroethane	94	99	70-130	5	25
Tetrachloroethene	101	106	70-130	5	25
Chlorobenzene	95	100	70-130	5	25
Trichlorofluoromethane	113	116	70-130	3	25
1,2-Dichloroethane	105	110	70-130	5	25
1,1,1-Trichloroethane	106	111	70-130	5	25
Bromodichloromethane	105	109	70-130	4	25
trans-1,3-Dichloropropene	82	84	70-130	2	25
cis-1,3-Dichloropropene	93	96	70-130	3	25
1,1-Dichloropropene	106	111	70-130	5	25
Bromoform	94	97	70-130	3	50
1,1,2,2-Tetrachloroethane	96	96	70-130	0	25
Benzene	104	109	70-130	5	25
Toluene	93	102	70-130	9	25
Ethylbenzene	97	103	70-130	6	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 04-17 Batch: WG289577-4 WG289577-5					
Chloromethane	116	122	70-130	5	50
Bromomethane	102	114	70-130	11	50
Vinyl chloride	122	125	70-130	2	25
Chloroethane	127	128	70-130	1	25
1,1-Dichloroethene	113	117	70-130	3	25
trans-1,2-Dichloroethene	110	112	70-130	2	25
Trichloroethene	110	110	70-130	0	25
1,2-Dichlorobenzene	94	96	70-130	2	25
1,3-Dichlorobenzene	95	99	70-130	4	25
1,4-Dichlorobenzene	93	99	70-130	6	25
Methyl tert butyl ether	86	85	70-130	1	25
p/m-Xylene	98	104	70-130	6	25
o-Xylene	94	99	70-130	5	25
cis-1,2-Dichloroethene	109	113	70-130	4	25
Dibromomethane	106	111	70-130	5	25
1,2,3-Trichloropropane	103	111	70-130	7	25
Styrene	90	96	70-130	6	25
Dichlorodifluoromethane	125	129	70-130	3	50
Acetone	85	90	70-130	6	50
Carbon disulfide	92	94	70-130	2	25
2-Butanone	94	94	70-130	0	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 04-17 Batch: WG289577-4 WG289577-5					
4-Methyl-2-pentanone	113	119	70-130	5	50
2-Hexanone	95	98	70-130	3	50
Bromochloromethane	100	108	70-130	8	25
Tetrahydrofuran	92	92	70-130	0	25
2,2-Dichloropropane	67	59	70-130	13	50
1,2-Dibromoethane	100	100	70-130	0	25
1,3-Dichloropropane	93	102	70-130	9	25
1,1,1,2-Tetrachloroethane	96	102	70-130	6	25
Bromobenzene	97	100	70-130	3	25
n-Butylbenzene	78	80	70-130	3	25
sec-Butylbenzene	99	102	70-130	3	25
tert-Butylbenzene	99	102	70-130	3	25
o-Chlorotoluene	95	98	70-130	3	25
p-Chlorotoluene	97	99	70-130	2	25
1,2-Dibromo-3-chloropropane	89	94	70-130	5	50
Hexachlorobutadiene	91	96	70-130	5	25
Isopropylbenzene	106	109	70-130	3	25
p-Isopropyltoluene	103	107	70-130	4	25
Naphthalene	94	103	70-130	9	25
n-Propylbenzene	97	100	70-130	3	25
1,2,3-Trichlorobenzene	92	97	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 04-17 Batch: WG289577-4 WG289577-5					
1,2,4-Trichlorobenzene	94	99	70-130	5	25
1,3,5-Trimethylbenzene	96	98	70-130	2	25
1,2,4-Trimethylbenzene	97	101	70-130	4	25
Ethyl ether	90	95	70-130	5	25
Isopropyl Ether	92	96	70-130	4	25
Ethyl-Tert-Butyl-Ether	92	83	70-130	10	25
Tertiary-Amyl Methyl Ether	94	88	70-130	7	25
1,4-Dioxane	111	119	70-130	7	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97	100	70-130
Toluene-d8	91	95	70-130
4-Bromofluorobenzene	91	93	70-130
Dibromofluoromethane	101	105	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-01
Client ID: SW-117-003-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 15:50
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	79		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-02
 Client ID: SW-117-009-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 15:52
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	82		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-03
 Client ID: SW-117-018-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 15:54
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	80		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-04
 Client ID: SW-117-021-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 15:56
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	82		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-05
Client ID: SW-117-027-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 15:58
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	86		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-06
 Client ID: SW-117-033-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 16:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	84		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-07
Client ID: SW-117-039-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:02
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	82		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-08
 Client ID: SW-117-045-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 16:04
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	77		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-09
 Client ID: SW-117-051-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 16:06
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-10
 Client ID: SW-117-057-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 16:08
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	77		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-11
Client ID: SW-117-063-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:10
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	76		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-12
Client ID: SW-117-069-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:12
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-13
Client ID: SW-117-075-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:14
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-14
Client ID: SW-117-081-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:16
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	78		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-15
Client ID: SW-117-087-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:18
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	76		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**SAMPLE RESULTS**

Lab ID: L0710770-16
 Client ID: SW-117-093-20070726-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/26/07 16:20
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	76		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

SAMPLE RESULTS

Lab ID: L0710770-17
Client ID: SW-117-098-20070726-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/26/07 16:22
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	74		%	0.10	1	-	07/30/07 14:40	30,2540G	NM



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0710770

Report Date: 08/06/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-17 QC Batch ID: WG288797-1 QC Sample: L0710749-13 Client ID: DUP Sample					
Solids, Total	91	91	%	0	20

Project Name: NA SOIL EXCAVATION

Lab Number: L0710770

Project Number: 0051545

Report Date: 08/06/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0710770-01A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-01B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-01X	Vial MeOH preserved split	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-02A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-02B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-03A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-03B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-03X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-04A	Vial MeOH preserved split	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-04B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-04X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-05A	Vial MeOH preserved split	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-05B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-05X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-06A	Vial MeOH preserved split	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-06B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-06X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-07A	Vial MeOH preserved split	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-07B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-07X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-08A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-08B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-08X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-09A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-09B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-09X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-10A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-10B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-10X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-11A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0710770-11B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-11X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-12A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-12B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-12X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-13A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-13B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-13X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-14A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-14B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-14X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-15A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-15B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-15X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-16A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-16B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-16X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-17A	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04
L0710770-17B	Plastic 2oz unpreserved for TS	A	N/A	3C	Y	Absent	TS
L0710770-17X	Vial water preserved	A	N/A	3C	Y	Absent	MCP-8260LW-04

Container Comments

L0710770-01A	Temp Probe
L0710770-01B	Temp Probe
L0710770-01X	Temp Probe
L0710770-02A	Temp Probe
L0710770-02B	Temp Probe
L0710770-03A	Temp Probe
L0710770-03B	Temp Probe
L0710770-03X	Temp Probe
L0710770-04A	Temp Probe
L0710770-04B	Temp Probe
L0710770-04X	Temp Probe

Project Name: NA SOIL EXCAVATION**Lab Number:** L0710770**Project Number:** 0051545**Report Date:** 08/06/07**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
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Container Comments

L0710770-05A Temp Probe

L0710770-05B Temp Probe

L0710770-05X Temp Probe

L0710770-06A Temp Probe

L0710770-06B Temp Probe

L0710770-06X Temp Probe

L0710770-07A Temp Probe

L0710770-07B Temp Probe

L0710770-07X Temp Probe

L0710770-08A Temp Probe

L0710770-08B Temp Probe

L0710770-08X Temp Probe

L0710770-09A Temp Probe

L0710770-09B Temp Probe

L0710770-09X Temp Probe

L0710770-10A Temp Probe

L0710770-10B Temp Probe

L0710770-10X Temp Probe

L0710770-11A Temp Probe

L0710770-11B Temp Probe

L0710770-11X Temp Probe

L0710770-12A Temp Probe

L0710770-12B Temp Probe

L0710770-12X Temp Probe

L0710770-13A Temp Probe

L0710770-13B Temp Probe

L0710770-13X Temp Probe

L0710770-14A Temp Probe

Project Name: NA SOIL EXCAVATION**Project Number:** 0051545**Lab Number:** L0710770**Report Date:** 08/06/07**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
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Container Comments

L0710770-14B	Temp Probe						
L0710770-14X	Temp Probe						
L0710770-15A	Temp Probe						
L0710770-15B	Temp Probe						
L0710770-15X	Temp Probe						
L0710770-16A	Temp Probe						
L0710770-16B	Temp Probe						
L0710770-16X	Temp Probe						
L0710770-17A	Temp Probe						
L0710770-17B	Temp Probe						
L0710770-17X	Temp Probe						

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD - Matrix Spike Sample Duplicate: Refer to MS.
NA - Not Applicable.
NI - Not Ignitable.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0710770
Report Date: 08/06/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ALPHA

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

RAVNHAM, MA
TEL: 508-822-9300
FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 7/27

ALPHA Job #: L0710172

Report Information - Data Deliverables
 FAX
 EMAIL
 BADEX
 Add'l Deliverables

Billing Information
 Same as Client info
 PO #:

Regulatory Requirements/Report Limits

Criteria

State/Fed Program: MAMCP
 MAMCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

Are MCP Analytical Methods Required? Yes No
 Are CT RCP (Reasonable Confidence Protocols) Required? Yes No

SAMPLE HANDLING
 Filtration Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

ANALYSIS
 VOCs 8260 (LOW)
 TOTAL SOLIDS

Sample Specific Comments

Project Information
 Project Name: N/A Soil Excavation
 Project Location: BAYNEUM WAYLAND

Project #: 0051545

Project Manager: JASON FLETCHER

Turn-Around Time

Date Due: 8/3

Time: 8:13

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type		Date/Time	Received By:	Date/Time
		Date	Time			Preservative	HOA Mat			
16770	SW-117-003-20070726-01	7/26/07	15:50	S	BM	X	V	7/27/07 13:51	W. Dwyer	7/27/07 15:21
	2SW-117-009-20070726-01		15:52			X	V			
	9SW-117-018-20070726-01		15:54			X	V			
	4SW-117-021-20070726-01		15:56			X	V			
	5SW-117-027-20070726-01		15:58			X	V			
	6SW-117-033-20070726-01		16:00			X	V			
	7SW-117-039-20070726-01		16:02			X	V			
	8SW-117-045-20070726-01		16:04			X	V			
	9SW-117-051-20070726-01		16:06			X	V			
	10SW-117-057-20070726-01		16:08			X	V			

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MAMCP or CT RCP?

FORM NO 01-01 (rev. 10-OCT-05)

Delivered By: [Signature]

Date/Time: 7/27/07 13:51

Received By: [Signature]

Date/Time: 7/27/07 15:21

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

CHAIN OF CUSTODY

PAGE 2 OF 2

ALPHA
W0285 481.1 4.4.13

WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

RAYNHAM, MA
 TEL: 508-822-9300
 FAX: 508-822-3286

Client Information

Client: EEM-Boston

Address: 399 Boylston St. 6th Floor
Boston, MA 02116

Phone: 617 646 7800

Fax: 617 267 6447

Email: jason.flattery@em.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA Soil Excavation

Project Location: Raytheon Wayland

Project #: 0051545

Project Manager: Jason Flattery

ALPHA Quote #:

Turn-Around Time

Standard

RUSH (only confirmed if pre-approved!)

Date Due: 8/3

Time:

Date Rec'd In Lab: 7/27

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

MCP 52-GW-1

MAMCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

Billing Information

Same as Client info

PO #:

ALPHA Job #: 20716720

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
11	SW-117-063-20070726-01	7/26/07	16:10	S	BM
12	SW-117-064-20070726-01		16:12		
13	SW-117-065-20070726-01		16:14		
14	SW-117-081-20070726-01		16:16		
15	SW-117-092-20070726-01		16:18		
16	SW-117-093-20070726-01		16:20		
17	SW-117-098-20070726-01		16:22		

ANALYSIS
VOCs 8260 (low)
TOTAL SOLIDS

SAMPLE HANDLING
 Filtration
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
(Please specify below)

Container Type	Preservative	Date/Time	Received By:	Date/Time
V	P	7/27/07 13:31	<u>Ray 58</u>	7/27/07 13:31
H ₂ O	None	7/27/07 13:31	<u>Ray 58</u>	7/27/07 13:31

PLEASE ANSWER QUESTIONS ABOVE!

**IS YOUR PROJECT
 MA MCP or CT RCP?**

FORM NO: 01-01 (rev. 13-OCT-05)

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.