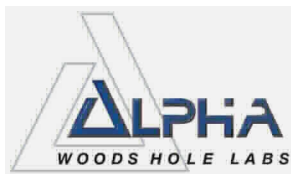


Appendix C
Analytical Laboratory Reports
(Provided on CD)

Appendix C
Excavation Waste
Characterization



ANALYTICAL REPORT

Lab Number: L0712700

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: 09/12/07

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: L0712700
Report Date: 09/12/07

Alpha Sample ID	Client ID	Sample Location
L0712700-01	SP-J1-20070904-01	RAYTHEON WAYLAND
L0712700-02	SP-J2-20070904-01	RAYTHEON WAYLAND
L0712700-03	SP-J3-20070904-01	RAYTHEON WAYLAND
L0712700-04	SP-J4-20070904-01	RAYTHEON WAYLAND
L0712700-05	SP-J5-20070904-01	RAYTHEON WAYLAND
L0712700-06	SP-J6-20070904-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712700
Report Date: 09/12/07

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?	YES
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: L0712700
Report Date: 09/12/07

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:

Report Submission

All MCP required questions were answered with affirmative responses, therefore, there are no relevant data issues to discuss.

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: 09/12/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-01
 Client ID: SP-J1-20070904-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 1,8260B
 Analytical Date: 09/11/07 13:19
 Analyst: SE

Date Collected: 09/04/07 11:00
 Date Received: 09/04/07
 Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-02
Client ID: SP-J2-20070904-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 09/11/07 13:55
Analyst: SE

Date Collected: 09/04/07 11:05
Date Received: 09/04/07
Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-03
 Client ID: SP-J3-20070904-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 1,8260B
 Analytical Date: 09/11/07 14:31
 Analyst: SE

Date Collected: 09/04/07 11:10
 Date Received: 09/04/07
 Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	60		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-04
Client ID: SP-J4-20070904-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 09/11/07 15:06
Analyst: SE

Date Collected: 09/04/07 11:15
Date Received: 09/04/07
Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-05
 Client ID: SP-J5-20070904-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 1,8260B
 Analytical Date: 09/11/07 15:43
 Analyst: SE

Date Collected: 09/04/07 11:20
 Date Received: 09/04/07
 Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**SAMPLE RESULTS**

Lab ID: L0712700-06
Client ID: SP-J6-20070904-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 09/11/07 16:18
Analyst: SE

Date Collected: 09/04/07 11:25
Date Received: 09/04/07
Field Prep: Not Specified

TCLP Extraction Date: 09/10/07 16:46

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712700
Report Date: 09/12/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260B
Analytical Date: 09/11/07 12:43
Analyst: SE
TCLP Extraction Date:

Parameter	Result	Qualifier	Units	RDL
TCLP Volatile Organics for sample(s): 01-06 Batch: WG290025-10				
Chloroform	ND		ug/l	7.5
Carbon tetrachloride	ND		ug/l	5.0
Tetrachloroethene	ND		ug/l	5.0
Chlorobenzene	ND		ug/l	5.0
1,2-Dichloroethane	ND		ug/l	5.0
Benzene	ND		ug/l	5.0
Vinyl chloride	ND		ug/l	10
1,1-Dichloroethene	ND		ug/l	5.0
Trichloroethene	ND		ug/l	5.0
1,4-Dichlorobenzene	ND		ug/l	25
2-Butanone	ND		ug/l	50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712700
Report Date: 09/12/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Volatile Organics Associated sample(s): 01-06 Batch: WG290025-9					
Chloroform	110	-	70-130	-	20
Carbon tetrachloride	107	-	70-130	-	20
Tetrachloroethene	114	-	70-130	-	20
Chlorobenzene	118	-	75-130	-	20
1,2-Dichloroethane	124	-	70-130	-	20
Benzene	114	-	76-127	-	20
Vinyl chloride	91	-	70-130	-	20
1,1-Dichloroethene	97	-	61-145	-	20
Trichloroethene	112	-	71-120	-	20
1,4-Dichlorobenzene	117	-	70-130	-	20
2-Butanone	127	-	70-130	-	20

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

**Matrix Spike Analysis
Batch Quality Control**

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712700
Report Date: 09/12/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP Volatile Organics Associated sample(s): 01-06 QC Batch ID: WG290025-1 WG290025-2 QC Sample: L0710794-06 Client ID: MS Sample										
Chloroform	ND	100	100	102	97	97	70-130	5	20	
Carbon tetrachloride	ND	100	100	101	94	94	70-130	7	20	
Tetrachloroethene	ND	100	93	93	89	89	70-130	4	20	
Chlorobenzene	ND	100	99	99	95	96	75-130	3	20	
1,2-Dichloroethane	ND	100	110	109	99	99	70-130	10	20	
Benzene	ND	100	92	92	87	87	76-127	6	20	
Vinyl chloride	ND	100	86	86	82	82	70-130	5	20	
1,1-Dichloroethene	ND	100	100	102	91	91	61-145	11	20	
Trichloroethene	ND	100	94	94	86	86	71-120	9	20	
1,4-Dichlorobenzene	ND	100	97	97	100	101	70-130	4	20	
2-Butanone	ND	100	120	124	110	112	70-130	10	20	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	108		106		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	109		102		70-130
Toluene-d8	100		94		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712700**Project Number:** 0051545**Report Date:** 09/12/07**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
L0712700-01A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA
L0712700-02A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA
L0712700-03A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA
L0712700-04A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA
L0712700-05A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA
L0712700-06A	Vial Large unpreserved	A	N/A	2.4C	Y	Absent	TCLP-VOA

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712700
Report Date: 09/12/07

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: L0712700
Report Date: 09/12/07

REFERENCES

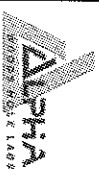
- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

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.





CHAIN OF CUSTODY

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

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

Client Information

Client: **EEM-Boston**
 Address: **399 Baylston St. 6th Floor**
Boston, MA 02116
 Phone: **617 646 7800**
 Fax: **617 267 6447**

Project Information

Project Name: **VA Soil Excavation**
 Project Location: **Baylston-Wayland**
 Project #: **0051545**
 Project Manager: **Jason Flattery**
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
 Date Due: **9/11** Time:

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: **9/4/07**

ALPHA Job #: **60712700**

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MCP **521GW-1**
 MAMCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS
 TCLP, VDA
 PCBs, TURSDs
 Pesticides, Herbicides

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type Preservative	Date/Time	Received By:	Date/Time	Sample Specific Comments
		Date	Time							
12766	1 SP-J1-20070904-01	09/04/07	1100	S	BM	A A A				
	2 SP-J2-20070904-01		1105			A A A				
	3 SP-J3-20070904-01		1110			A A A				
	4 SP-J4-20070904-01		1115			A A A				
	5 SP-J5-20070904-01		1120			A A A				
	6 SP-J6-20070904-01		1125			A A A				
	SP-J1-20070904-01		1135			A A A				

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

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

Relinquished By: **[Signature]** Date/Time: **9/4/07 14:15**

Received By: **[Signature]** Date/Time: **9/4/07 14:15**

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.

ALPHA ANALYTICAL LABORATORIES

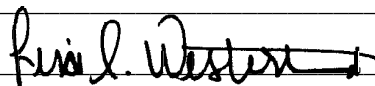
Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com
MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England Laboratory Job Number: L0712631
Address: 399 Boylston Street Date Received: 22-AUG-2007
6th Floor Date Reported: 11-SEP-2007
Boston, MA 02116 Delivery Method: Alpha
Attn: Jeremy Picard Site: NA SOIL INVESTIGATION
Project Number: 0051545

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0712631-01	SP-I1-20070821-01	RAYTHEON WAYLAND
L0712631-02	SP-I2-20070821-01	RAYTHEON WAYLAND
L0712631-03	SP-I3-20070821-01	RAYTHEON WAYLAND
L0712631-04	SP-I4-20070821-01	RAYTHEON WAYLAND
L0712631-05	SP-I5-20070821-01	RAYTHEON WAYLAND
L0712631-06	SP-I6-20070821-01	RAYTHEON WAYLAND
L0712631-07	SP-J1-20070821-01	RAYTHEON WAYLAND
L0712631-08	SP-J2-20070821-01	RAYTHEON WAYLAND
L0712631-09	SP-J3-20070821-01	RAYTHEON WAYLAND
L0712631-10	SP-J4-20070821-01	RAYTHEON WAYLAND
L0712631-11	SP-J5-20070821-01	RAYTHEON WAYLAND
L0712631-12	SP-J6-20070821-01	RAYTHEON WAYLAND

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

Authorized by: 
Technical Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0712631

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.

TCLP Semivolatile Organics

The WG292864-4 MS/MSD RPD for Pyridine is above method acceptance criteria.

TCLP Pesticides

The WG293042-4 MS/MSD RPD for Heptachlor is above method acceptance criteria.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-01 **Date Collected:** 21-AUG-2007 11:05
 SP-II-20070821-01 **Date Received :** 22-AUG-2007
Sample Matrix: SOIL **Date Reported :** 11-SEP-2007
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:15	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:15	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:15	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:15	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:15	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:25	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:15	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:15	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 8270C	0905 17:00	0908 20:21	HL
TCLP Extraction				1 1311	0823 17:00		
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	50.0	%	21-120				
Phenol-d6	57.0	%	10-120				
Nitrobenzene-d5	57.0	%	23-120				
2-Fluorobiphenyl	56.0	%	43-120				
2,4,6-Tribromophenol	64.0	%	10-120				
4-Terphenyl-d14	72.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 8082/8081	0905 18:45	0907 14:47	SS
TCLP Extraction				1 1311	0823 17:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-01
SP-I1-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 14:47 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	59.0	%	30-150				
Decachlorobiphenyl	68.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 18:43 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	73.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 13:51 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	66.0	%	30-150				
Decachlorobiphenyl	88.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 10:41 SE
TCLP Extraction				1	1311	0904 16:38	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105	%	70-130				
Toluene-d8	97.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-01
SP-I1-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 10:41	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	102	%	70-130				
Dibromofluoromethane	101	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-02	Date Collected: 21-AUG-2007 11:10
SP-I2-20070821-01	Date Received : 22-AUG-2007
Sample Matrix: SOIL	Date Reported : 11-SEP-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:28	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:28	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:28	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:28	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:28	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:27	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:28	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:28	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 8270C	0905 17:00	0908 20:51	HL
TCLP Extraction				1 1311	0823 17:00		
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	52.0	%	21-120				
Phenol-d6	59.0	%	10-120				
Nitrobenzene-d5	60.0	%	23-120				
2-Fluorobiphenyl	57.0	%	43-120				
2,4,6-Tribromophenol	69.0	%	10-120				
4-Terphenyl-d14	80.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 8082/8081	0905 18:45	0907 15:16	SS
TCLP Extraction				1 1311	0823 17:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-02
SP-I2-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 15:16 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	60.0	%	30-150				
Decachlorobiphenyl	70.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 19:33 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	78.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 14:20 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	55.0	%	30-150				
Decachlorobiphenyl	86.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 11:18 SE
TCLP Extraction				1	1311	0904 16:38	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105	%	70-130				
Toluene-d8	97.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-02
SP-I2-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 11:18	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	100	%	70-130				
Dibromofluoromethane	101	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-03	Date Collected: 21-AUG-2007 11:15
SP-I3-20070821-01	Date Received : 22-AUG-2007
Sample Matrix: SOIL	Date Reported : 11-SEP-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:31	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:31	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:31	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:31	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:31	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:29	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:31	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:31	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0823 17:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	57.0	%					21-120
Phenol-d6	65.0	%					10-120
Nitrobenzene-d5	66.0	%					23-120
2-Fluorobiphenyl	65.0	%					43-120
2,4,6-Tribromophenol	77.0	%					10-120
4-Terphenyl-d14	79.0	%					33-120
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0823 17:00	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-03
SP-I3-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 15:44 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	60.0	%	30-150				
Decachlorobiphenyl	71.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 20:22 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	71.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 14:48 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	72.0	%	30-150				
Decachlorobiphenyl	88.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 11:55 SE
TCLP Extraction				1	1311	0904 16:38	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	109	%	70-130				
Toluene-d8	96.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-03
SP-I3-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 11:55	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	97.0	%	70-130				
Dibromofluoromethane	102	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-04	Date Collected: 21-AUG-2007 11:20
SP-I4-20070821-01	Date Received : 22-AUG-2007
Sample Matrix: SOIL	Date Reported : 11-SEP-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:33	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:33	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:33	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:33	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:33	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:38	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:33	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:33	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 8270C	0905 17:00	0908 21:53	HL
TCLP Extraction				1 1311	0823 17:00		
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	48.0	%	21-120				
Phenol-d6	55.0	%	10-120				
Nitrobenzene-d5	57.0	%	23-120				
2-Fluorobiphenyl	54.0	%	43-120				
2,4,6-Tribromophenol	69.0	%	10-120				
4-Terphenyl-d14	70.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 8082/8081	0905 18:45	0907 16:13	SS
TCLP Extraction				1 1311	0823 17:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-04
 SP-I4-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 16:13 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	58.0	%	30-150				
Decachlorobiphenyl	67.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 21:11 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	67.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 15:17 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	71.0	%	30-150				
Decachlorobiphenyl	88.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 12:34 SE
TCLP Extraction				1	1311	0904 16:38	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	5.7	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110	%	70-130				
Toluene-d8	96.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-04
SP-I4-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 12:34	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	101	%	70-130				
Dibromofluoromethane	98.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-05
SP-I5-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 16:42 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	61.0	%	30-150				
Decachlorobiphenyl	69.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 22:01 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	93.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 13:37 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	61.0	%	30-150				
Decachlorobiphenyl	55.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 13:12 SE
TCLP Extraction				1	1311	0904 16:38	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110	%	70-130				
Toluene-d8	98.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-05
SP-I5-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 13:12	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	102	%	70-130				
Dibromofluoromethane	102	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-06 Date Collected: 21-AUG-2007 11:30
 SP-I6-20070821-01 Date Received: 22-AUG-2007
 Sample Matrix: SOIL Date Reported: 11-SEP-2007
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Metals						
TCLP Extraction				1 1311	0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00 0904 14:38	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:38	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 14:38	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00 0904 14:38	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:38	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00 0905 10:42	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:38	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 14:38	MG
TCLP Semi-Volatile Organics						
TCLP Extraction				1 1311	0823 17:00	
Hexachlorobenzene	ND	ug/l	25.			
2,4-Dinitrotoluene	ND	ug/l	30.			
Hexachlorobutadiene	ND	ug/l	50.			
Hexachloroethane	ND	ug/l	25.			
Nitrobenzene	ND	ug/l	25.			
2,4,6-Trichlorophenol	ND	ug/l	25.			
Pentachlorophenol	ND	ug/l	50.			
2-Methylphenol	ND	ug/l	30.			
3-Methylphenol/4-Methylphenol	ND	ug/l	30.			
2,4,5-Trichlorophenol	ND	ug/l	25.			
Pyridine	ND	ug/l	250			
Surrogate(s)	Recovery			QC Criteria		
2-Fluorophenol	55.0	%		21-120		
Phenol-d6	61.0	%		10-120		
Nitrobenzene-d5	62.0	%		23-120		
2-Fluorobiphenyl	63.0	%		43-120		
2,4,6-Tribromophenol	70.0	%		10-120		
4-Terphenyl-d14	78.0	%		33-120		
TCLP Pesticides by GC						
TCLP Extraction				1 1311	0823 17:00	
Lindane	ND	ug/l	0.100			
Heptachlor	ND	ug/l	0.100			
Heptachlor epoxide	ND	ug/l	0.100			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-06
 SP-I6-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 17:11 SS
TCLP Extraction				1	1311	0823	17:00
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	53.0	%	30-150				
Decachlorobiphenyl	68.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0910 22:50 JB
TCLP Extraction				1	1311	0823	17:00
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	78.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 14:05 SS
TCLP Extraction				1	1311	0823	17:00
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	56.0	%	30-150				
Decachlorobiphenyl	61.0	%	30-150				
TCLP Volatile Organics				1	8260B		0907 13:51 SE
TCLP Extraction				1	1311	0904	16:38
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	111	%	70-130				
Toluene-d8	96.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-06
SP-I6-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0907 13:51	SE
TCLP Extraction				1 1311		0904 16:38	
4-Bromofluorobenzene	100	%	70-130				
Dibromofluoromethane	101	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0712631-07	Date Collected:	21-AUG-2007 11:35
	SP-J1-20070821-01	Date Received :	22-AUG-2007
Sample Matrix:	SOIL	Date Reported :	11-SEP-2007
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	1-Amber		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Metals						
TCLP Extraction				1 1311	0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00 0904 14:40	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:40	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 14:40	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00 0904 14:40	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:40	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00 0905 10:43	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 14:40	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 14:40	MG
TCLP Semi-Volatile Organics						
TCLP Extraction				1 8270C	0905 17:00 0908 23:26	HL
TCLP Extraction				1 1311	0823 17:00	
Hexachlorobenzene	ND	ug/l	25.			
2,4-Dinitrotoluene	ND	ug/l	30.			
Hexachlorobutadiene	ND	ug/l	50.			
Hexachloroethane	ND	ug/l	25.			
Nitrobenzene	ND	ug/l	25.			
2,4,6-Trichlorophenol	ND	ug/l	25.			
Pentachlorophenol	ND	ug/l	50.			
2-Methylphenol	ND	ug/l	30.			
3-Methylphenol/4-Methylphenol	ND	ug/l	30.			
2,4,5-Trichlorophenol	ND	ug/l	25.			
Pyridine	ND	ug/l	250			
Surrogate(s)	Recovery			QC Criteria		
2-Fluorophenol	68.0	%		21-120		
Phenol-d6	77.0	%		10-120		
Nitrobenzene-d5	79.0	%		23-120		
2-Fluorobiphenyl	79.0	%		43-120		
2,4,6-Tribromophenol	88.0	%		10-120		
4-Terphenyl-d14	101	%		33-120		
TCLP Pesticides by GC						
TCLP Extraction				1 8082/8081	0905 18:45 0907 18:08	SS
TCLP Extraction				1 1311	0823 17:00	
Lindane	ND	ug/l	0.100			
Heptachlor	ND	ug/l	0.100			
Heptachlor epoxide	ND	ug/l	0.100			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-07
 SP-J1-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 18:08 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	59.0	%					30-150
Decachlorobiphenyl	67.0	%					30-150
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0911 00:29 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery						QC Criteria
DCAA	78.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 14:34 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	57.0	%					30-150
Decachlorobiphenyl	59.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0712631-08	Date Collected:	21-AUG-2007 11:40
	SP-J2-20070821-01	Date Received :	22-AUG-2007
Sample Matrix:	SOIL	Date Reported :	11-SEP-2007
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	1-amber		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Metals						
TCLP Extraction				1 1311	0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:43 MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:43 MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:43 MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:43 MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:43 MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:45 DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:43 MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:43 MG
TCLP Semi-Volatile Organics						
TCLP Extraction				1 8270C	0905 17:00	0908 23:57 HL
TCLP Extraction				1 1311	0823 17:00	
Hexachlorobenzene	ND	ug/l	25.			
2,4-Dinitrotoluene	ND	ug/l	30.			
Hexachlorobutadiene	ND	ug/l	50.			
Hexachloroethane	ND	ug/l	25.			
Nitrobenzene	ND	ug/l	25.			
2,4,6-Trichlorophenol	ND	ug/l	25.			
Pentachlorophenol	ND	ug/l	50.			
2-Methylphenol	ND	ug/l	30.			
3-Methylphenol/4-Methylphenol	ND	ug/l	30.			
2,4,5-Trichlorophenol	ND	ug/l	25.			
Pyridine	ND	ug/l	250			
Surrogate(s)	Recovery			QC Criteria		
2-Fluorophenol	55.0	%		21-120		
Phenol-d6	61.0	%		10-120		
Nitrobenzene-d5	64.0	%		23-120		
2-Fluorobiphenyl	61.0	%		43-120		
2,4,6-Tribromophenol	73.0	%		10-120		
4-Terphenyl-d14	79.0	%		33-120		
TCLP Pesticides by GC						
TCLP Extraction				1 8082/8081	0905 18:45	0907 18:37 SS
TCLP Extraction				1 1311	0823 17:00	
Lindane	ND	ug/l	0.100			
Heptachlor	ND	ug/l	0.100			
Heptachlor epoxide	ND	ug/l	0.100			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-08
 SP-J2-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 18:37 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	57.0	%	30-150				
Decachlorobiphenyl	65.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0911 01:18 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	73.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 15:02 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	60.0	%	30-150				
Decachlorobiphenyl	62.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-09	Date Collected: 21-AUG-2007 11:45
SP-J3-20070821-01	Date Received : 22-AUG-2007
Sample Matrix: SOIL	Date Reported : 11-SEP-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Metals						
TCLP Extraction				1 1311	0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:45 MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:45 MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:45 MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:45 MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:45 MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:47 DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:45 MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:45 MG
TCLP Semi-Volatile Organics						
TCLP Extraction				1 8270C	0905 17:00	0909 00:28 HL
TCLP Extraction				1 1311	0823 17:00	
Hexachlorobenzene	ND	ug/l	25.			
2,4-Dinitrotoluene	ND	ug/l	30.			
Hexachlorobutadiene	ND	ug/l	50.			
Hexachloroethane	ND	ug/l	25.			
Nitrobenzene	ND	ug/l	25.			
2,4,6-Trichlorophenol	ND	ug/l	25.			
Pentachlorophenol	ND	ug/l	50.			
2-Methylphenol	ND	ug/l	30.			
3-Methylphenol/4-Methylphenol	ND	ug/l	30.			
2,4,5-Trichlorophenol	ND	ug/l	25.			
Pyridine	ND	ug/l	250			
Surrogate(s)	Recovery			QC Criteria		
2-Fluorophenol	54.0	%		21-120		
Phenol-d6	66.0	%		10-120		
Nitrobenzene-d5	58.0	%		23-120		
2-Fluorobiphenyl	57.0	%		43-120		
2,4,6-Tribromophenol	68.0	%		10-120		
4-Terphenyl-d14	76.0	%		33-120		
TCLP Pesticides by GC						
TCLP Extraction				1 8082/8081	0905 18:45	0907 19:06 SS
TCLP Extraction				1 1311	0823 17:00	
Lindane	ND	ug/l	0.100			
Heptachlor	ND	ug/l	0.100			
Heptachlor epoxide	ND	ug/l	0.100			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-09
 SP-J3-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0905 18:45	0907 19:06 SS
TCLP Extraction				1	1311	0823 17:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	64.0	%	30-150				
Decachlorobiphenyl	68.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0906 09:30	0911 02:07 JB
TCLP Extraction				1	1311	0823 17:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	84.0	%					
TCLP PCBs by GC				1	8082	0905 20:30	0907 15:31 SS
TCLP Extraction				1	1311	0823 17:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	68.0	%	30-150				
Decachlorobiphenyl	62.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0712631-10	Date Collected:	21-AUG-2007 11:50
	SP-J4-20070821-01	Date Received :	22-AUG-2007
Sample Matrix:	SOIL	Date Reported :	11-SEP-2007
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	1-Amber		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Metals						
TCLP Extraction				1 1311	0831 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00 0904 15:14	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 15:14	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 15:14	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00 0904 15:14	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 15:14	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00 0905 10:56	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00 0904 15:14	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00 0904 15:14	MG
TCLP Semi-Volatile Organics						
TCLP Extraction				1 8270C	0904 17:30 0907 07:50	RL
TCLP Extraction				1 1311	0831 16:00	
Hexachlorobenzene	ND	ug/l	25.			
2,4-Dinitrotoluene	ND	ug/l	30.			
Hexachlorobutadiene	ND	ug/l	50.			
Hexachloroethane	ND	ug/l	25.			
Nitrobenzene	ND	ug/l	25.			
2,4,6-Trichlorophenol	ND	ug/l	25.			
Pentachlorophenol	ND	ug/l	50.			
2-Methylphenol	ND	ug/l	30.			
3-Methylphenol/4-Methylphenol	ND	ug/l	30.			
2,4,5-Trichlorophenol	ND	ug/l	25.			
Pyridine	ND	ug/l	250			
Surrogate(s)	Recovery		QC Criteria			
2-Fluorophenol	46.0	%	21-120			
Phenol-d6	57.0	%	10-120			
Nitrobenzene-d5	49.0	%	23-120			
2-Fluorobiphenyl	50.0	%	43-120			
2,4,6-Tribromophenol	65.0	%	10-120			
4-Terphenyl-d14	76.0	%	33-120			
TCLP Pesticides by GC						
TCLP Extraction				1 8082/8081	0904 19:30 0905 21:34	SS
TCLP Extraction				1 1311	0831 16:00	
Lindane	ND	ug/l	0.100			
Heptachlor	ND	ug/l	0.100			
Heptachlor epoxide	ND	ug/l	0.100			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712631-10
SP-J4-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0904 19:30	0905 21:34 SS
TCLP Extraction				1	1311	0831 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	61.0	%	30-150				
Decachlorobiphenyl	58.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0904 20:00	0911 06:14 JB
TCLP Extraction				1	1311	0831 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	102	%					
TCLP PCBs by GC				1	8082	0904 17:30	0906 05:07 SS
TCLP Extraction				1	1311	0831 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	72.0	%	30-150				
Decachlorobiphenyl	82.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-11	Date Collected: 21-AUG-2007 11:55
SP-J5-20070821-01	Date Received : 22-AUG-2007
Sample Matrix: SOIL	Date Reported : 11-SEP-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0831 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 15:22	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:22	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 15:22	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 15:22	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:22	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:58	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:22	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 15:22	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 8270C	0904 17:30	0907 08:21	RL
Hexachlorobenzene	ND	ug/l	25.	1 1311	0831 16:00		
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	50.0	%	21-120				
Phenol-d6	57.0	%	10-120				
Nitrobenzene-d5	51.0	%	23-120				
2-Fluorobiphenyl	51.0	%	43-120				
2,4,6-Tribromophenol	66.0	%	10-120				
4-Terphenyl-d14	76.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 8082/8081	0904 19:30	0910 11:02	SS
Lindane	ND	ug/l	0.100	1 1311	0831 16:00		
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-11
 SP-J5-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0904 19:30	0910 11:02 SS
TCLP Extraction				1	1311	0831 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	62.0	%	30-150				
Decachlorobiphenyl	62.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0904 20:00	0911 07:03 JB
TCLP Extraction				1	1311	0831 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	104	%					
TCLP PCBs by GC				1	8082	0904 17:30	0906 05:36 SS
TCLP Extraction				1	1311	0831 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	74.0	%	30-150				
Decachlorobiphenyl	78.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712631-12 **Date Collected:** 21-AUG-2007 12:00
 SP-J6-20070821-01 **Date Received :** 22-AUG-2007
Sample Matrix: SOIL **Date Reported :** 11-SEP-2007
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Metals							
TCLP Extraction				1 1311		0831 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 15:24	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:24	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 15:24	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 15:24	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:24	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 11:03	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 15:24	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 15:24	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 8270C	0904 17:30	0907 08:51	RL
TCLP Extraction				1 1311	0831 16:00		
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	54.0	%	21-120				
Phenol-d6	65.0	%	10-120				
Nitrobenzene-d5	57.0	%	23-120				
2-Fluorobiphenyl	60.0	%	43-120				
2,4,6-Tribromophenol	73.0	%	10-120				
4-Terphenyl-d14	78.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 8082/8081	0904 19:30	0905 22:31	SS
TCLP Extraction				1 1311	0831 16:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712631-12
 SP-J6-20070821-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0904 19:30	0905 22:31 SS
TCLP Extraction				1	1311	0831 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	72.0	%	30-150				
Decachlorobiphenyl	62.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0904 20:00	0911 07:53 JB
TCLP Extraction				1	1311	0831 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	83.0	%					
TCLP PCBs by GC				1	8082	0904 17:30	0906 06:04 SS
TCLP Extraction				1	1311	0831 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	75.0	%	30-150				
Decachlorobiphenyl	86.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0712631

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
TCLP Metals for sample(s) 01-09 (L0712631-01, WG292771-1)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals for sample(s) 10-12 (L0712631-10, WG292772-1)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals for sample(s) 01-09 (L0712631-03, WG292791-3)					
Mercury, TCLP	ND	ND	mg/l	NC	
TCLP Metals for sample(s) 10-12 (L0712631-11, WG292792-3)					
Mercury, TCLP	ND	ND	mg/l	NC	

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0712631

Parameter	% Recovery	QC Criteria
TCLP Metals LCS for sample(s) 01-09 (WG292771-4)		
Arsenic, TCLP	110	75-125
Barium, TCLP	95	75-125
Cadmium, TCLP	110	75-125
Chromium, TCLP	100	75-125
Lead, TCLP	110	75-125
Selenium, TCLP	110	75-125
Silver, TCLP	100	75-125
TCLP Metals LCS for sample(s) 10-12 (WG292772-4)		
Arsenic, TCLP	120	75-125
Barium, TCLP	95	75-125
Cadmium, TCLP	110	75-125
Chromium, TCLP	110	75-125
Lead, TCLP	110	75-125
Selenium, TCLP	115	75-125
Silver, TCLP	110	75-125
TCLP Metals LCS for sample(s) 01-09 (WG292791-1)		
Mercury, TCLP	101	
TCLP Metals LCS for sample(s) 10-12 (WG292792-1)		
Mercury, TCLP	100	
TCLP Semi-Volatile Organics LCS for sample(s) 10-12 (WG292864-2)		
Hexachlorobenzene	78	40-140
2,4-Dinitrotoluene	63	24-96
Hexachlorobutadiene	40	10-100
Hexachloroethane	37	13-82
Nitrobenzene	43	40-140
2,4,6-Trichlorophenol	50	30-130
Pentachlorophenol	80	9-103
2-Methylphenol	42	30-130
3-Methylphenol/4-Methylphenol	43	30-130
2,4,5-Trichlorophenol	59	30-130
Pyridine	11	
Surrogate(s)		
2-Fluorophenol	40	21-120
Phenol-d6	52	10-120
Nitrobenzene-d5	43	23-120
2-Fluorobiphenyl	46	43-120
2,4,6-Tribromophenol	76	10-120
4-Terphenyl-d14	75	33-120
TCLP Semi-Volatile Organics LCS for sample(s) 01-09 (WG293023-2)		
Hexachlorobenzene	80	40-140
2,4-Dinitrotoluene	62	24-96
Hexachlorobutadiene	53	10-100

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0712631

Continued

Parameter	% Recovery	QC Criteria
TCLP Semi-Volatile Organics LCS for sample(s) 01-09 (WG293023-2)		
Hexachloroethane	45	13-82
Nitrobenzene	57	40-140
2,4,6-Trichlorophenol	62	30-130
Pentachlorophenol	63	9-103
2-Methylphenol	50	30-130
3-Methylphenol/4-Methylphenol	50	30-130
2,4,5-Trichlorophenol	65	30-130
Pyridine	32	
Surrogate(s)		
2-Fluorophenol	43	21-120
Phenol-d6	52	10-120
Nitrobenzene-d5	49	23-120
2-Fluorobiphenyl	57	43-120
2,4,6-Tribromophenol	66	10-120
4-Terphenyl-d14	73	33-120
TCLP Pesticides by GC LCS for sample(s) 10-12 (WG292865-2)		
Lindane	66	30-150
Heptachlor	69	30-150
Heptachlor epoxide	68	30-150
Endrin	102	30-150
Methoxychlor	81	30-150
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	52	30-150
Decachlorobiphenyl	54	30-150
TCLP Pesticides by GC LCS for sample(s) 01-09 (WG293042-2)		
Lindane	74	30-150
Heptachlor	74	30-150
Heptachlor epoxide	81	30-150
Endrin	124	30-150
Methoxychlor	102	30-150
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	47	30-150
Decachlorobiphenyl	67	30-150
TCLP Herbicides by GC LCS for sample(s) 10-12 (WG292866-2)		
2,4-D	118	
2,4,5-TP (Silvex)	49	
Surrogate(s)		
DCAA	67	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0712631

Continued

Parameter	% Recovery	QC Criteria
TCLP Herbicides by GC LCS for sample(s) 01-09 (WG293099-2)		
2,4-D	114	
2,4,5-TP (Silvex)	48	
Surrogate(s)		
DCAA	56	
TCLP PCBs by GC LCS for sample(s) 10-12 (WG292863-2)		
Aroclor 1016	69	40-140
Aroclor 1260	102	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	63	30-150
Decachlorobiphenyl	102	30-150
TCLP PCBs by GC LCS for sample(s) 01-09 (WG293041-2)		
Aroclor 1016	59	40-140
Aroclor 1260	74	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	65	30-150
Decachlorobiphenyl	85	30-150
TCLP Volatile Organics LCS for sample(s) 01-06 (WG290025-7)		
Chloroform	103	70-130
Carbon tetrachloride	110	70-130
Tetrachloroethene	107	70-130
Chlorobenzene	104	75-130
1,2-Dichloroethane	108	70-130
Benzene	106	76-127
Vinyl chloride	98	70-130
1,1-Dichloroethene	108	61-145
Trichloroethene	107	71-120
1,4-Dichlorobenzene	101	70-130
2-Butanone	106	70-130
Surrogate(s)		
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130
Dibromofluoromethane	102	70-130
TCLP Metals SPIKE for sample(s) 01-09 (L0712631-01, WG292771-2)		
Arsenic, TCLP	110	75-125
Barium, TCLP	94	75-125
Cadmium, TCLP	110	75-125
Chromium, TCLP	100	75-125
Lead, TCLP	110	75-125
Selenium, TCLP	115	75-125

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0712631

Continued

Parameter	% Recovery	QC Criteria
TCLP Metals SPIKE for sample(s) 01-09 (L0712631-01, WG292771-2)		
Silver, TCLP	100	75-125
TCLP Metals SPIKE for sample(s) 10-12 (L0712631-10, WG292772-2)		
Arsenic, TCLP	110	75-125
Barium, TCLP	95	75-125
Cadmium, TCLP	110	75-125
Chromium, TCLP	100	75-125
Lead, TCLP	100	75-125
Selenium, TCLP	105	75-125
Silver, TCLP	100	75-125
TCLP Metals SPIKE for sample(s) 01-09 (L0712631-03, WG292791-2)		
Mercury, TCLP	116	
TCLP Metals SPIKE for sample(s) 10-12 (L0712631-11, WG292792-2)		
Mercury, TCLP	121	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0712631

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Semi-Volatile Organics for sample(s) 10-12 (L0712631-10, WG292864-4)					
Hexachlorobenzene	82	84	2	30	40-140
2,4-Dinitrotoluene	66	66	0	30	24-96
Hexachlorobutadiene	46	48	4	30	10-100
Hexachloroethane	40	44	10	30	13-82
Nitrobenzene	50	52	4	30	40-140
2,4,6-Trichlorophenol	56	54	4	30	30-130
Pentachlorophenol	80	74	8	30	9-103
2-Methylphenol	50	48	4	30	30-130
3-Methylphenol/4-Methylphenol	49	48	2	30	30-130
2,4,5-Trichlorophenol	64	62	3	30	30-130
Pyridine	11	26	81	30	
Surrogate(s)					
2-Fluorophenol	47	43	9		21-120
Phenol-d6	59	57	3		10-120
Nitrobenzene-d5	49	48	2		23-120
2-Fluorobiphenyl	51	52	2		43-120
2,4,6-Tribromophenol	77	73	5		10-120
4-Terphenyl-d14	79	75	5		33-120
TCLP Semi-Volatile Organics for sample(s) 01-09 (L0712631-01, WG293023-4)					
Hexachlorobenzene	80	80	0	30	40-140
2,4-Dinitrotoluene	66	66	0	30	24-96
Hexachlorobutadiene	52	52	0	30	10-100
Hexachloroethane	44	44	0	30	13-82
Nitrobenzene	56	56	0	30	40-140
2,4,6-Trichlorophenol	60	60	0	30	30-130
Pentachlorophenol	68	66	3	30	9-103
2-Methylphenol	50	48	4	30	30-130
3-Methylphenol/4-Methylphenol	49	48	2	30	30-130
2,4,5-Trichlorophenol	66	66	0	30	30-130
Pyridine	45	35	25	30	
Surrogate(s)					
2-Fluorophenol	45	43	5		21-120
Phenol-d6	54	51	6		10-120
Nitrobenzene-d5	51	48	6		23-120
2-Fluorobiphenyl	58	55	5		43-120
2,4,6-Tribromophenol	73	69	6		10-120
4-Terphenyl-d14	75	76	1		33-120
TCLP Pesticides by GC for sample(s) 10-12 (L0712631-10, WG292865-4)					
Lindane	82	71	14	30	30-150
Heptachlor	85	76	11	30	30-150
Heptachlor epoxide	81	74	9	30	30-150
Endrin	121	110	10	30	30-150
Methoxychlor	98	89	10	30	30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0712631

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Pesticides by GC for sample(s) 10-12 (L0712631-10, WG292865-4)					
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	67	57	16		30-150
Decachlorobiphenyl	60	55	9		30-150
TCLP Pesticides by GC for sample(s) 01-09 (L0712631-02, WG293042-4)					
Lindane	50	66	28	30	30-150
Heptachlor	46	68	39	30	30-150
Heptachlor epoxide	67	77	14	30	30-150
Endrin	109	121	10	30	30-150
Methoxychlor	95	101	6	30	30-150
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	31	47	41		30-150
Decachlorobiphenyl	66	69	4		30-150
TCLP Herbicides by GC for sample(s) 10-12 (L0712631-10, WG292866-4)					
2,4-D	110	120	9		
2,4,5-TP (Silvex)	42	66	46		
Surrogate(s)					
DCAA	55	83	41		
TCLP Herbicides by GC for sample(s) 01-09 (L0712631-01, WG293099-4)					
2,4-D	110	110	0		
2,4,5-TP (Silvex)	45	47	5		
Surrogate(s)					
DCAA	55	58	5		
TCLP PCBs by GC for sample(s) 10-12 (L0712631-10, WG292863-4)					
Aroclor 1016	74	82	10	30	40-140
Aroclor 1260	102	109	7	30	40-140
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	79	67	16		30-150
Decachlorobiphenyl	80	78	3		30-150
TCLP PCBs by GC for sample(s) 01-09 (L0712631-01, WG293041-4)					
Aroclor 1016	74	72	3	30	40-140
Aroclor 1260	81	86	6	30	40-140
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	70	67	4		30-150
Decachlorobiphenyl	88	90	2		30-150

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0712631

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Volatile Organics for sample(s) 01-06 (L0710794-06, WG290025-2)					
Chloroform	102	97	5	20	70-130
Carbon tetrachloride	101	94	7	20	70-130
Tetrachloroethene	93	89	4	20	70-130
Chlorobenzene	99	96	3	20	75-130
1,2-Dichloroethane	109	99	10	20	70-130
Benzene	92	87	6	20	76-127
Vinyl chloride	86	82	5	20	70-130
1,1-Dichloroethene	102	91	11	20	61-145
Trichloroethene	94	86	9	20	71-120
1,4-Dichlorobenzene	97	101	4	20	70-130
2-Butanone	124	112	10	20	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	108	106	2		70-130
Toluene-d8	100	94	6		70-130
4-Bromofluorobenzene	104	104	0		70-130
Dibromofluoromethane	109	102	7		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712631

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-09 (WG292771-3)							
TCLP Metals							
TCLP Extraction				1 1311		0823 17:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:09	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:09	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:09	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:09	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:09	MG
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:09	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:09	MG
Blank Analysis for sample(s) 10-12 (WG292772-3)							
TCLP Metals							
TCLP Extraction				1 1311		0831 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0904 11:00	0904 14:48	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:48	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:48	MG
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0904 11:00	0904 14:48	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:48	MG
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0904 11:00	0904 14:48	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0904 11:00	0904 14:48	MG
Blank Analysis for sample(s) 01-09 (WG292791-4)							
TCLP Metals							
TCLP Extraction				1 1311		0823 17:30	
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:22	DM
Blank Analysis for sample(s) 10-12 (WG292792-4)							
TCLP Metals							
TCLP Extraction				1 1311		0831 16:00	
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0904 15:00	0905 10:49	DM
Blank Analysis for sample(s) 10-12 (WG292864-1)							
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0831 16:00	
Hexachlorobenzene	ND	ug/l	25.		1 8270C	0904 17:30	0907 09:22 RL
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712631

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 10-12 (WG292864-1)							
TCLP Semi-Volatile Organics cont'd				1 8270C	0904 17:30	0907 09:22	RL
TCLP Extraction				1 1311	0831 16:00		
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	51.0	%	21-120				
Phenol-d6	60.0	%	10-120				
Nitrobenzene-d5	52.0	%	23-120				
2-Fluorobiphenyl	53.0	%	43-120				
2,4,6-Tribromophenol	73.0	%	10-120				
4-Terphenyl-d14	77.0	%	33-120				
Blank Analysis for sample(s) 01-09 (WG293023-1)							
TCLP Semi-Volatile Organics				1 8270C	0905 17:00	0908 18:17	HL
TCLP Extraction				1 1311	0904 16:30		
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	46.0	%	21-120				
Phenol-d6	57.0	%	10-120				
Nitrobenzene-d5	51.0	%	23-120				
2-Fluorobiphenyl	49.0	%	43-120				
2,4,6-Tribromophenol	66.0	%	10-120				
4-Terphenyl-d14	72.0	%	33-120				
Blank Analysis for sample(s) 10-12 (WG292865-1)							
TCLP Pesticides by GC				1 8082/8081	0904 19:30	0905 19:39	SS
TCLP Extraction				1 1311	0831 16:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712631

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 10-12 (WG292865-1)							
TCLP Pesticides by GC cont'd				1 8082/8081	0904 19:30	0905 19:39	SS
TCLP Extraction				1 1311	0831 16:00		
Surrogate(s)	Recovery			QC Criteria			
2,4,5,6-Tetrachloro-m-xylene	60.0	%		30-150			
Decachlorobiphenyl	65.0	%		30-150			
Blank Analysis for sample(s) 01-09 (WG293042-1)							
TCLP Pesticides by GC				1 8082/8081	0905 18:45	0907 12:52	SS
TCLP Extraction				1 1311	0904 16:30		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery			QC Criteria			
2,4,5,6-Tetrachloro-m-xylene	55.0	%		30-150			
Decachlorobiphenyl	70.0	%		30-150			
Blank Analysis for sample(s) 10-12 (WG292866-1)							
TCLP Herbicides by GC				1 8151A(M)	0904 20:00	0911 02:57	JB
TCLP Extraction				1 1311	0831 16:00		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery			QC Criteria			
DCAA	62.0	%					
Blank Analysis for sample(s) 01-09 (WG293099-1)							
TCLP Herbicides by GC				1 8151A(M)	0906 09:30	0910 15:26	JB
TCLP Extraction				1 1311	0904 16:30		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery			QC Criteria			
DCAA	75.0	%					
Blank Analysis for sample(s) 10-12 (WG292863-1)							
TCLP PCBs by GC				1 8082	0904 17:30	0906 03:12	SS
TCLP Extraction				1 1311	0831 16:00		
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712631

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 10-12 (WG292863-1)							
TCLP PCBs by GC cont'd				1 8082	0904 17:30	0906 03:12	SS
TCLP Extraction				1 1311	0831 16:00		
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	71.0	%	30-150				
Decachlorobiphenyl	110	%	30-150				
Blank Analysis for sample(s) 01-09 (WG293041-1)							
TCLP PCBs by GC				1 8082	0905 20:30	0907 11:28	SS
TCLP Extraction				1 1311	0904 16:30		
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	53.0	%	30-150				
Decachlorobiphenyl	90.0	%	30-150				
Blank Analysis for sample(s) 01-06 (WG290025-8)							
TCLP Volatile Organics				1 8260B		0907 10:03	SE
TCLP Extraction				1 1311	0904 16:38		
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	103	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	101	%	70-130				
Dibromofluoromethane	101	%	70-130				

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. 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 Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. 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 Analytical, Inc.

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

ALPHA
WORLDWIDE LABORATORY

CHAIN OF CUSTODY

PAGE 1 OF 2

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

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

Client Information

Client: **EPDM - Boston**

Address: **Project # 00515415**
Project Location: Raytheon Wayland
Project Manager: Jason Fahey

Phone: **ALPHA Quote #:**

Fax: **Turn-Around Time**

Email: Standard RUSH (only confirmed if pre-approved!)
Date Due: 9/10/07 Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Relog of LO712635-01 thru -12

Project Information

Project Name: **NA Soil Excavation**

Project Location: **Raytheon Wayland**

Project #: **00515415**

Project Manager: **Jason Fahey**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 9/10/07 Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Relog of LO712635-01 thru -12

Date Rec'd in Lab: **8/22/07**

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

RCPP

Criteria **57-6031**

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

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

ALPHA Job #: **LO712631**

Billing Information

Same as Client Info PO #:

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

12631-01	SP-I1-20070821-01	8-21-07	1105	S	
-02	SP-I2-20070821-01		1110		
-03	SP-I3-20070821-01		1115		
-04	SP-I4-20070821-01		1120		
-05	SP-I5-20070821-01		1125		
-06	SP-I6-20070821-01		1130		
-07	SP-J1-20070821-01		1135		
-08	SP-J2-20070821-01		1140		
-09	SP-J3-20070821-01		1145		
-10	SP-J4-20070821-01		1150		

ANALYSIS	
TCLP B260	
TCLP B270	
TCLP-PLB	
TCLP-Post	
TCLP-Herb	
TCLP-RB Metals	

SAMPLE HANDLING
<input type="checkbox"/> Filtration
<input type="checkbox"/> Done
<input type="checkbox"/> Not needed
<input type="checkbox"/> Lab to do
<input type="checkbox"/> Preservation
<input type="checkbox"/> Lab to do
(please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

Container Type
Preservative

**IS YOUR PROJECT
MA MCP or CT RCP?**

Relinquished By:

Date/Time

Received By:

Date/Time

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

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



CHAIN OF CUSTODY

PAGE 2 OF 2

WORLDWIDE
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:

Phone:

Fax:

Email:

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA Soil Excavation

Project Location: Roughen-Wayland

Project #: 0051545

Project Manager: Jason Flattery

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Date Due: 9/10/07 Time:

Relog 66 L6712125-01 thru - 12

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

<u>12631-11</u>	<u>SP-J5-20670821-01</u>	<u>8-21-07</u>	<u>1155</u>	<u>S</u>	
<u>12</u>	<u>SP-J6-20070821-01</u>	<u>8-21-07</u>	<u>1200</u>	<u>V</u>	

Date Rec'd in Lab: 8/29/07

ALPHA Job #: L6712631

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program MCP Criteria

MAMC/PRESUMPTIVE CERTAINITY ... CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS
TCLP 8260
TCLP 8270
TCLP-PCB
TCLP-Pest
TCLP-Herb
TCLP-R8 Metals

SAMPLE HANDLING
Filtration
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(please specify below)
Sample Specific Comments

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:	Date/Time	Container Type	Preservative	Received By:	Date/Time
<u>I. Flattery</u>	<u>8/31/07 1400</u>				

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

Project Information

Project Name: NA Soil Excavator

Project Location: Raytheon-Wayland

Project #: 0051545

Project Manager: Tison Flattery

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 8/29 Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

State/Fed Program: MCP Criteria: S2 + GW-1

Regulatory Requirements/Report Limits

Yes No Are MCP Analytical Methods Required?

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

Date Rec'd In Lab: 8/22

ALPHA Job #: 10712125

Billing Information

Same as Client info PO #:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	ANALYSIS	
12125-01	SP-I1-20070821-01	8/21/07	1105	S	HEA	TCUP VDA	1 1 1 1 1 1 1 1 1 1
	2SP-I2-20070821-01		1110			PH: react, flush	1 1 1 1 1 1 1 1 1 1
	3SP-I3-20070821-01		1115			TCUP AS, ba, Cd, Pb, Hg, etc	1 1 1 1 1 1 1 1 1 1
	4SP-I4-20070821-01		1120			VOCs (High) B260	1 1 1 1 1 1 1 1 1 1
	5SP-I5-20070821-01		1125			VOCs (Low) B260	1 1 1 1 1 1 1 1 1 1
	6SP-I6-20070821-01		1130			Total Solids	1 1 1 1 1 1 1 1 1 1
	7SP-J1-20070821-01		1135				
	8SP-J2-20070821-01		1140				
	9SP-J3-20070821-01		1145				
	10SP-J4-20070821-01		1150				

PLEASE ANSWER QUESTIONS ABOVE!

Container Type	Date/Time	Received By:	Date/Time
Preservative	8/22/07 10:00	<u>[Signature]</u>	8/22/07 11:20
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By: [Signature] Date/Time: 8/22/07 10:00

Received By: [Signature] Date/Time: 8/22/07 11:20

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

SAMPLE HANDLING

Filtration
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do

(Please specify below)

Sample Specific Comments

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



CHAIN OF CUSTODY

PAGE 2 OF 2

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

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

Client Information

Client: ERIN BOSTON

Address: 399 Boylston St. 6th Fl

Phone: 617 646 7800

Fax: 617 267 6447

Email: jason.flahty@em.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: MA Soil Excavation

Project Location: Raytheon Wayland

Project #: 0051545

Project Manager: JASON FLATTERY

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 8/12/07 Time:

Date Rec'd in Lab: 8/1/07

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program MCP Criteria S2 + GW-1

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOL

Billing Information

PO #:

ALPHA Job #: LO712125

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
12125. 11	SP-J5-20070821-01	8/21/07	1155	S	HEA
12	SP-J6-20070821-01	8/21/07	1200	S	HEA
13	DWP-001-20070821-01	8/21/07	2400	S	HEA

ANALYSIS

TCLP VOA
 PLR, TUR, SVCS, Part. Heavy
 pH, react. flash
 TCLP As, Ba, Cd, Pb, Hg, Ag
 VOCs (High) B260
 VOCs (Low) B260
 Total Solids

SAMPLE HANDLING

Filtration
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)
 Sample Specific Comments

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By: [Signature]

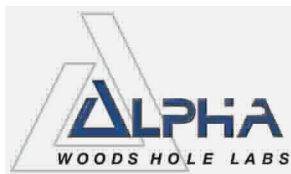
Date/Time: 8/21/07 10:08

Received By: [Signature]

Date/Time: 8/21/07 11:20

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

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



ANALYTICAL REPORT

Lab Number: L0712529

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: 09/04/07

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: L0712529
Report Date: 09/04/07

Alpha Sample ID	Client ID	Sample Location
L0712529-01	SP-H1-20070820-01	RAYTHEON WAYLAND
L0712529-02	SP-H2-20070820-01	RAYTHEON WAYLAND
L0712529-03	SP-H3-20070820-01	RAYTHEON WAYLAND
L0712529-04	SP-H4-20070820-01	RAYTHEON WAYLAND
L0712529-05	SP-I1-20070821-01	RAYTHEON WAYLAND
L0712529-06	SP-I2-20070821-01	RAYTHEON WAYLAND
L0712529-07	SP-I3-20070821-01	RAYTHEON WAYLAND
L0712529-08	SP-I4-20070821-01	RAYTHEON WAYLAND
L0712529-09	SP-I5-20070821-01	RAYTHEON WAYLAND
L0712529-10	SP-I6-20070821-01	RAYTHEON WAYLAND
L0712529-11	SP-J1-20070821-01	RAYTHEON WAYLAND
L0712529-12	SP-J2-20070821-01	RAYTHEON WAYLAND
L0712529-13	SP-J3-20070821-01	RAYTHEON WAYLAND
L0712529-14	SP-J4-20070821-01	RAYTHEON WAYLAND
L0712529-15	SP-J5-20070821-01	RAYTHEON WAYLAND
L0712529-16	SP-J6-20070821-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION

Lab Number: L0712529

Project Number: 0051545

Report Date: 09/04/07

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?	YES
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: L0712529
Report Date: 09/04/07

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.

Report Submission

This report replaces the previously issued preliminary report to include data for all requested analytes.

MCP Related Narratives:

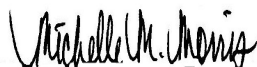
PCB

L0712529-02 was re-extracted to confirm the original results. Re-extraction was performed within holding time and the re-extracted data is reported.

L0712529-11 was re-extracted due to surrogate recoveries outside acceptance criteria on the original analysis. Re-extraction was performed within holding time and has acceptable surrogate recoveries; therefore, the re-extracted data is reported.

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: 09/04/07

ORGANICS

PCBS

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-01
Client ID: SP-H1-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 01:00
Analyst: HG
Percent Solids: 76%

Date Collected: 08/20/07 14:00
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.8	1
Aroclor 1221	ND		ug/kg	43.8	1
Aroclor 1232	ND		ug/kg	43.8	1
Aroclor 1242	ND		ug/kg	43.8	1
Aroclor 1248	ND		ug/kg	43.8	1
Aroclor 1254	ND		ug/kg	43.8	1
Aroclor 1260	ND		ug/kg	43.8	1
Aroclor 1262	ND		ug/kg	43.8	1
Aroclor 1268	ND		ug/kg	43.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-02 RE
Client ID: SP-H2-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/04/07 15:11
Analyst: SS
Percent Solids: 76%

Date Collected: 08/20/07 14:05
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 09/04/07 13:45
Cleanup Method1: EPA 3665A
Cleanup Date1: 09/04/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.8	1
Aroclor 1221	ND		ug/kg	43.8	1
Aroclor 1232	ND		ug/kg	43.8	1
Aroclor 1242	ND		ug/kg	43.8	1
Aroclor 1248	ND		ug/kg	43.8	1
Aroclor 1254	ND		ug/kg	43.8	1
Aroclor 1260	ND		ug/kg	43.8	1
Aroclor 1262	ND		ug/kg	43.8	1
Aroclor 1268	ND		ug/kg	43.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-03
Client ID: SP-H3-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 01:57
Analyst: HG
Percent Solids: 77%

Date Collected: 08/20/07 14:10
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.3	1
Aroclor 1221	ND		ug/kg	43.3	1
Aroclor 1232	ND		ug/kg	43.3	1
Aroclor 1242	ND		ug/kg	43.3	1
Aroclor 1248	ND		ug/kg	43.3	1
Aroclor 1254	ND		ug/kg	43.3	1
Aroclor 1260	ND		ug/kg	43.3	1
Aroclor 1262	ND		ug/kg	43.3	1
Aroclor 1268	ND		ug/kg	43.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-04
Client ID: SP-H4-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 02:26
Analyst: HG
Percent Solids: 79%

Date Collected: 08/20/07 14:15
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	42.2	1
Aroclor 1221	ND		ug/kg	42.2	1
Aroclor 1232	ND		ug/kg	42.2	1
Aroclor 1242	ND		ug/kg	42.2	1
Aroclor 1248	ND		ug/kg	42.2	1
Aroclor 1254	ND		ug/kg	42.2	1
Aroclor 1260	ND		ug/kg	42.2	1
Aroclor 1262	ND		ug/kg	42.2	1
Aroclor 1268	ND		ug/kg	42.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-05
Client ID: SP-I1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 02:54
Analyst: HG
Percent Solids: 76%

Date Collected: 08/21/07 11:05
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.8	1
Aroclor 1221	ND		ug/kg	43.8	1
Aroclor 1232	ND		ug/kg	43.8	1
Aroclor 1242	ND		ug/kg	43.8	1
Aroclor 1248	ND		ug/kg	43.8	1
Aroclor 1254	ND		ug/kg	43.8	1
Aroclor 1260	ND		ug/kg	43.8	1
Aroclor 1262	ND		ug/kg	43.8	1
Aroclor 1268	ND		ug/kg	43.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-06
Client ID: SP-I2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 03:23
Analyst: HG
Percent Solids: 78%

Date Collected: 08/21/07 11:10
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	42.7	1
Aroclor 1221	ND		ug/kg	42.7	1
Aroclor 1232	ND		ug/kg	42.7	1
Aroclor 1242	ND		ug/kg	42.7	1
Aroclor 1248	ND		ug/kg	42.7	1
Aroclor 1254	ND		ug/kg	42.7	1
Aroclor 1260	ND		ug/kg	42.7	1
Aroclor 1262	ND		ug/kg	42.7	1
Aroclor 1268	ND		ug/kg	42.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-07
Client ID: SP-I3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 03:52
Analyst: HG
Percent Solids: 74%

Date Collected: 08/21/07 11:15
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	45.0	1
Aroclor 1221	ND		ug/kg	45.0	1
Aroclor 1232	ND		ug/kg	45.0	1
Aroclor 1242	ND		ug/kg	45.0	1
Aroclor 1248	ND		ug/kg	45.0	1
Aroclor 1254	ND		ug/kg	45.0	1
Aroclor 1260	ND		ug/kg	45.0	1
Aroclor 1262	ND		ug/kg	45.0	1
Aroclor 1268	ND		ug/kg	45.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-08
Client ID: SP-I4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 04:49
Analyst: HG
Percent Solids: 77%

Date Collected: 08/21/07 11:20
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.3	1
Aroclor 1221	ND		ug/kg	43.3	1
Aroclor 1232	ND		ug/kg	43.3	1
Aroclor 1242	ND		ug/kg	43.3	1
Aroclor 1248	ND		ug/kg	43.3	1
Aroclor 1254	ND		ug/kg	43.3	1
Aroclor 1260	ND		ug/kg	43.3	1
Aroclor 1262	ND		ug/kg	43.3	1
Aroclor 1268	ND		ug/kg	43.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-09
Client ID: SP-I5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 05:18
Analyst: HG
Percent Solids: 77%

Date Collected: 08/21/07 11:25
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.3	1
Aroclor 1221	ND		ug/kg	43.3	1
Aroclor 1232	ND		ug/kg	43.3	1
Aroclor 1242	ND		ug/kg	43.3	1
Aroclor 1248	ND		ug/kg	43.3	1
Aroclor 1254	ND		ug/kg	43.3	1
Aroclor 1260	ND		ug/kg	43.3	1
Aroclor 1262	ND		ug/kg	43.3	1
Aroclor 1268	ND		ug/kg	43.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-10
Client ID: SP-I6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 05:46
Analyst: HG
Percent Solids: 75%

Date Collected: 08/21/07 11:30
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	44.4	1
Aroclor 1221	ND		ug/kg	44.4	1
Aroclor 1232	ND		ug/kg	44.4	1
Aroclor 1242	ND		ug/kg	44.4	1
Aroclor 1248	ND		ug/kg	44.4	1
Aroclor 1254	ND		ug/kg	44.4	1
Aroclor 1260	ND		ug/kg	44.4	1
Aroclor 1262	ND		ug/kg	44.4	1
Aroclor 1268	ND		ug/kg	44.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-11 RE
Client ID: SP-J1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/04/07 14:06
Analyst: SS
Percent Solids: 80%

Date Collected: 08/21/07 11:35
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 09/04/07 10:30
Cleanup Method1: EPA 3665A
Cleanup Date1: 09/04/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	41.7	1
Aroclor 1221	ND		ug/kg	41.7	1
Aroclor 1232	ND		ug/kg	41.7	1
Aroclor 1242	ND		ug/kg	41.7	1
Aroclor 1248	ND		ug/kg	41.7	1
Aroclor 1254	ND		ug/kg	41.7	1
Aroclor 1260	ND		ug/kg	41.7	1
Aroclor 1262	ND		ug/kg	41.7	1
Aroclor 1268	ND		ug/kg	41.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-12
Client ID: SP-J2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 06:43
Analyst: HG
Percent Solids: 81%

Date Collected: 08/21/07 11:40
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	41.2	1
Aroclor 1221	ND		ug/kg	41.2	1
Aroclor 1232	ND		ug/kg	41.2	1
Aroclor 1242	ND		ug/kg	41.2	1
Aroclor 1248	ND		ug/kg	41.2	1
Aroclor 1254	ND		ug/kg	41.2	1
Aroclor 1260	ND		ug/kg	41.2	1
Aroclor 1262	ND		ug/kg	41.2	1
Aroclor 1268	ND		ug/kg	41.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-13
Client ID: SP-J3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 07:12
Analyst: HG
Percent Solids: 82%

Date Collected: 08/21/07 11:45
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	40.6	1
Aroclor 1221	ND		ug/kg	40.6	1
Aroclor 1232	ND		ug/kg	40.6	1
Aroclor 1242	ND		ug/kg	40.6	1
Aroclor 1248	ND		ug/kg	40.6	1
Aroclor 1254	ND		ug/kg	40.6	1
Aroclor 1260	ND		ug/kg	40.6	1
Aroclor 1262	ND		ug/kg	40.6	1
Aroclor 1268	ND		ug/kg	40.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-14
Client ID: SP-J4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 07:41
Analyst: HG
Percent Solids: 75%

Date Collected: 08/21/07 11:50
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	44.4	1
Aroclor 1221	ND		ug/kg	44.4	1
Aroclor 1232	ND		ug/kg	44.4	1
Aroclor 1242	ND		ug/kg	44.4	1
Aroclor 1248	ND		ug/kg	44.4	1
Aroclor 1254	ND		ug/kg	44.4	1
Aroclor 1260	ND		ug/kg	44.4	1
Aroclor 1262	ND		ug/kg	44.4	1
Aroclor 1268	ND		ug/kg	44.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-15
Client ID: SP-J5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 08:09
Analyst: HG
Percent Solids: 79%

Date Collected: 08/21/07 11:55
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	42.2	1
Aroclor 1221	ND		ug/kg	42.2	1
Aroclor 1232	ND		ug/kg	42.2	1
Aroclor 1242	ND		ug/kg	42.2	1
Aroclor 1248	ND		ug/kg	42.2	1
Aroclor 1254	ND		ug/kg	42.2	1
Aroclor 1260	ND		ug/kg	42.2	1
Aroclor 1262	ND		ug/kg	42.2	1
Aroclor 1268	ND		ug/kg	42.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-16
Client ID: SP-J6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 09/01/07 08:38
Analyst: HG
Percent Solids: 76%

Date Collected: 08/21/07 12:00
Date Received: 08/22/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.8	1
Aroclor 1221	ND		ug/kg	43.8	1
Aroclor 1232	ND		ug/kg	43.8	1
Aroclor 1242	ND		ug/kg	43.8	1
Aroclor 1248	ND		ug/kg	43.8	1
Aroclor 1254	ND		ug/kg	43.8	1
Aroclor 1260	ND		ug/kg	43.8	1
Aroclor 1262	ND		ug/kg	43.8	1
Aroclor 1268	ND		ug/kg	43.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 64,8082
Analytical Date: 08/31/07 23:34
Analyst: HG

Extraction Method: EPA 3545
Extraction Date: 08/30/07 04:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/31/07

Parameter	Result	Qualifier	Units	RDL
Polychlorinated Biphenyls by MCP 8082 for sample(s): 01,03-10,12-16 Batch: WG292378-1				
Aroclor 1016	ND		ug/kg	33.3
Aroclor 1221	ND		ug/kg	33.3
Aroclor 1232	ND		ug/kg	33.3
Aroclor 1242	ND		ug/kg	33.3
Aroclor 1248	ND		ug/kg	33.3
Aroclor 1254	ND		ug/kg	33.3
Aroclor 1260	ND		ug/kg	33.3
Aroclor 1262	ND		ug/kg	33.3
Aroclor 1268	ND		ug/kg	33.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 64,8082
Analytical Date: 09/04/07 14:34
Analyst: SS

Extraction Method: EPA 3545
Extraction Date: 09/04/07 10:30
Cleanup Method1: EPA 3665A
Cleanup Date1: 09/04/07

Parameter	Result	Qualifier	Units	RDL
Polychlorinated Biphenyls by MCP 8082 for sample(s): 02,11 Batch: WG292805-1				
Aroclor 1016	ND		ug/kg	33.3
Aroclor 1221	ND		ug/kg	33.3
Aroclor 1232	ND		ug/kg	33.3
Aroclor 1242	ND		ug/kg	33.3
Aroclor 1248	ND		ug/kg	33.3
Aroclor 1254	ND		ug/kg	33.3
Aroclor 1260	ND		ug/kg	33.3
Aroclor 1262	ND		ug/kg	33.3
Aroclor 1268	ND		ug/kg	33.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Polychlorinated Biphenyls by MCP 8082 Associated sample(s): 01,03-10,12-16 Batch: WG292378-2 WG292378-3					
Aroclor 1016	87	88	40-140	1	30
Aroclor 1260	116	112	40-140	4	30

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		106		30-150	A
Decachlorobiphenyl	126		122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		96		30-150	B
Decachlorobiphenyl	111		117		30-150	B

Polychlorinated Biphenyls by MCP 8082 Associated sample(s): 02,11 Batch: WG292805-2 WG292805-3					
Aroclor 1016	96	79	40-140	19	30
Aroclor 1260	105	84	40-140	22	30

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		84		30-150	A
Decachlorobiphenyl	88		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		63		30-150	B
Decachlorobiphenyl	73		64		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-01
 Client ID: SP-H1-20070820-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/20/07 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	76		%	0.10	1	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-02
Client ID: SP-H2-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 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	76		%	0.10	1	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-03
 Client ID: SP-H3-20070820-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/20/07 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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-04
 Client ID: SP-H4-20070820-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/20/07 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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION

Lab Number: L0712529

Project Number: 0051545

Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-05
 Client ID: SP-I1-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/21/07 11:05
 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	76		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-06
 Client ID: SP-I2-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/21/07 11:10
 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	78		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION

Lab Number: L0712529

Project Number: 0051545

Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-07
 Client ID: SP-I3-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/21/07 11:15
 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	74		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-08

Date Collected: 08/21/07 11:20

Client ID: SP-I4-20070821-01

Date Received: 08/22/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Matrix: Soil

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 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION

Lab Number: L0712529

Project Number: 0051545

Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-09
 Client ID: SP-I5-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/21/07 11:25
 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	77		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-10
Client ID: SP-I6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:30
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	75		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-11
Client ID: SP-J1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:35
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	80		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION**Lab Number:** L0712529**Project Number:** 0051545**Report Date:** 09/04/07**SAMPLE RESULTS**

Lab ID: L0712529-12
 Client ID: SP-J2-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/21/07 11:40
 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	81		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-13
Client ID: SP-J3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:45
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	82		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-14
Client ID: SP-J4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:50
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	75		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-15
Client ID: SP-J5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:55
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	79		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

SAMPLE RESULTS

Lab ID: L0712529-16
Client ID: SP-J6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 12:00
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	76		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712529

Report Date: 09/04/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 05-16 QC Batch ID: WG292581-1 QC Sample: L0712529-05 Client ID: SP-I1-20070821-01					
Solids, Total	76	76	%	0	20

Project Name: NA SOIL EXCAVATION

Lab Number: L0712529

Project Number: 0051545

Report Date: 09/04/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712529-01A	Amber 250ml unpreserved	A	N/A	2C	Y	Absent	MCP-8082-04
L0712529-02A	Amber 250ml unpreserved	A	N/A	2C	Y	Absent	MCP-8082-04
L0712529-03A	Amber 250ml unpreserved	A	N/A	2C	Y	Absent	MCP-8082-04
L0712529-04A	Amber 250ml unpreserved	A	N/A	2C	Y	Absent	MCP-8082-04
L0712529-05A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-06A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-07A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-08A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-09A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-10A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-11A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-12A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-13A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-14A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-15A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04
L0712529-16A	Amber 250ml unpreserved	B	N/A	2.0C	Y	Absent	MCP-8082-04

Container Comments

L0712529-01A	Temp Probe
L0712529-02A	Temp Probe
L0712529-03A	Temp Probe
L0712529-04A	Temp Probe

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712529
Report Date: 09/04/07

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: L0712529
Report Date: 09/04/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 64 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). August 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

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-822-9288

CHAIN OF CUSTODY

PAGE 1 OF 2

Project Information

Project Name: **WA Soil Excavation**

Project Location: **Raytheon Wayland**

Project #: **0051545**

Project Manager: **Tason Flattery**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: **9/14/07**

Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Relog of L0712125 and L0712074

Date Rec'd in Lab: **8/21 + 8/22**

ALPHA Job #: **L0712529**

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

MCP S-2 + Gw-1

MA/MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	PCB ANALYSIS	SAMPLE HANDLING	Sample Specific Comments
12529.1	SR-H1-20070820-01	8/20/07	1400	S		X		Extract by ASE
2	SR-H2-20070820-01		1405					
3	SR-H3-20070820-01		1410					
4	SR-H4-20070820-01		1415					
5	SR-I1-20070821-01	8/21/07	1105					
6	SR-I2-20070821-01		1110					
7	SR-I3-20070821-01		1115					
8	SR-I4-20070821-01		1120					
9	SR-I5-20070821-01		1125					
10	SR-I6-20070821-01		1130					

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type Preservative

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



CHAIN OF CUSTODY

PAGE 2 OF 2

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

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-822-9289

Client Information

Client: **ERAM-BOSTON**

Address: **ALPHA Quote #:**
Project Name: JVA Soil Excavation
Project Location: Raytheon-Wal and
Project #: 0051545
Project Manager: Jason Flaherty

Phone: **Turn-Around Time**

Fax: Standard RUSH (only confirmed if pre-approved!)

Email: **Date Due: 9/4/07** **Time:**

These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments/Detection Limits:

Relog of L0712074 and L0712125

Date Recd in Lab: **8/21 + 8/22**

ALPHA Job #: **L0712529**

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program

Criteria

MCP **5-2 + 6 W-1**

MAMCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS

PCB

SAMPLE HANDLING

Filtration
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
(please specify below)

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

1252 9. 11 50-51-20070821-01 8/21/07 1135 S X

12 50-52-20070821-01 1140

13 50-53-20070821-01 1145

14 50-54-20070821-01 1150

15 50-55-20070821-01 1155

16 50-56-20070821-01 1200

Sample Specific Comments

Extract by ASE

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:

Container Type
Preservative

Received By:

Date/Time

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

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PAGE 1 OF 2



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-998-9193

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.flatery@erm.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 Flatery**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: **9/99** Time:

Date Rec'd in Lab:

8/22

ALPHA Job #: **10712125**

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fee Program

Criteria

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?

ANALYSIS
TCLP VDA
Pb, Cr, Cu, Ni, Zn, Vols, Pest + Herb
pH, react., flash
TCLP As, Ba, Cd, Pb, Hg, Fe
VOCs (High) B260
VOCs (Low) B260
Total Solids

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date/Time	Container Type	Preservative	Date/Time	Received By:	Date/Time	Sample Specific Comments
		Date	Time									
R125-01	SP-I1-20070821-01	8/21/07	1105	S	HEA		AA	AA	9/22/07 10:00	Q. Stewart	8/22/07 11:20	
	2SP-I2-20070821-01		1110				AA	AA				
	3SP-I3-20070821-01		1115				AA	AA				
	4SP-I4-20070821-01		1120				AA	AA				
	5SP-I5-20070821-01		1125				AA	AA				
	6SP-I6-20070821-01		1130				AA	AA				
	7SP-I7-20070821-01		1135				AA	AA				
	8SP-I8-20070821-01		1140				AA	AA				
	9SP-I9-20070821-01		1145				AA	AA				
	10SP-I10-20070821-01		1150				AA	AA				

PLEASE ANSWER QUESTIONS ABOVE!

**IS YOUR PROJECT
MA MCP or CT RCP?**

Relinquished By:

Date/Time

Received By:

Date/Time

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

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

Client Information

Client: ERM Boston

Address: 399 Boylston St. Wth Rm

Boston, MA 02116

Phone: 617 646 7800

Fax: 617 267 6447

Email: jason.flatney@erm.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: Paytheon Wayland

Project #: 0051545

Project Manager: JASON FLATNEY

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 8/12/08

Time:

Date Rec'd In Lab: 8/12/08

ALPHA Job #: LO712125

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

MCP 52 + GW-1

MA/MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Billing Information

Same as Client Info

PO #:

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

ANALYSIS
TCLP VDA
PLA, TUR, SVCS, Part. Herb
pH, react. flash
TCLP As, Ba, Cd, Pb, Hg, Ag
VOCs (High) B260
VOCs (Low) B260
Total Solids

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type		Date/Time	Received By:	Date/Time	Sample Specific Comments
		Date	Time			Preservative	Other				
12125. 11	SP-J5-20070821-01	8/21/08	1155	S	HEA	1	1	1	1	1	
12	SP-J6-20070821-01	8/21/08	1200	S	HEA	1	1	1	1	1	
13	DWP-001-20070821-01	8/21/08	2400	S	HEA	1	1	1	1	1	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT

MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

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

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

CHAIN OF CUSTODY

PAGE 1 OF 1



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 Boylston St. 6th Floor

Phone: 617 646 7800

Fax: 617 267 6447

Email: Jason.Flattery@erm.com

Other Project Specific Requirements, Comments/Detection Limits:

Project Information

Project Name: NA Bill Excavation

Project Location: Daytheon - Wayland

Project #: DD51545

Project Manager: Jason Flattery

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Date Due: Per Customer

Date Recd in Lab: 8/21

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program: MCP Criteria: SG + GW1

MA/MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS
TCLP VDA
Pb, Cu, P, Zn, Fe, Ni, Hg
pH, react., flash
TCLP As, Ba, Cd, Pb, Hg, Ni
VOCs (High) B260
VOCs (Low) B260
Total Solids

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

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

<u>H2052.1</u>	<u>SP-H1-20070820-01</u>	<u>8/20/07</u>	<u>14:00</u>	<u>S</u>	<u>JDF</u>
<u>1207d</u>	<u>2 SP-H2-20070820-01</u>		<u>14:05</u>	<u>S</u>	
	<u>3 SP-H3-20070820-01</u>		<u>14:10</u>	<u>S</u>	
	<u>4 SP-H4-20070820-01</u>		<u>14:15</u>	<u>S</u>	
	<u>5 DUP-001-20070820-01</u>		<u>24:00</u>	<u>S</u>	

Container Type	Preservative
<u>A</u>	<u>A</u>
<u>A</u>	<u>A</u>
<u>A</u>	<u>A</u>
<u>A</u>	<u>A</u>
<u>A</u>	<u>F</u>
<u>A</u>	<u>H2O</u>
<u>A</u>	<u>A</u>

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

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

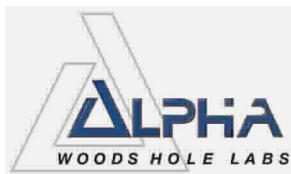
Relinquished By: [Signature]

Date/Time: 8/21/07 10:45

Received By: [Signature]

Date/Time: 8/21/07 12:22

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



ANALYTICAL REPORT

Lab Number: L0712486

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

ATTN: Jeremy Picard

Project Name: NA EXCAVATION

Project Number: 0051545

Report Date: 08/30/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0712486
Report Date: 08/30/07

Alpha Sample ID	Client ID	Sample Location
L0712486-01	SP-F1-20070815-01	RAYTHEON WAYLAND
L0712486-02	SP-F2-20070815-01	RAYTHEON WAYLAND
L0712486-03	SP-F3-20070815-01	RAYTHEON WAYLAND
L0712486-04	SP-F4-20070815-01	RAYTHEON WAYLAND
L0712486-05	SP-F5-20070815-01	RAYTHEON WAYLAND
L0712486-06	SP-F6-20070815-01	RAYTHEON WAYLAND

Project Name: NA EXCAVATION

Lab Number: L0712486

Project Number: 0051545

Report Date: 08/30/07

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?	YES
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 EXCAVATION
Project Number: 0051545

Lab Number: L0712486
Report Date: 08/30/07

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.

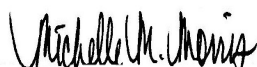
MCP Related Narratives

Report Submission

All MCP required questions were answered with affirmative responses, therefore, there are no relevant data issues to discuss.

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: 08/30/07

ORGANICS

PCBS

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-01
Client ID: SP-F1-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 10:16
Analyst: SS
Percent Solids: 74%

Date Collected: 08/15/07 08:30
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	45.0	1
Aroclor 1221	ND		ug/kg	45.0	1
Aroclor 1232	ND		ug/kg	45.0	1
Aroclor 1242	ND		ug/kg	45.0	1
Aroclor 1248	ND		ug/kg	45.0	1
Aroclor 1254	ND		ug/kg	45.0	1
Aroclor 1260	ND		ug/kg	45.0	1
Aroclor 1262	ND		ug/kg	45.0	1
Aroclor 1268	ND		ug/kg	45.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-02
Client ID: SP-F2-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 10:44
Analyst: SS
Percent Solids: 78%

Date Collected: 08/15/07 08:35
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	42.7	1
Aroclor 1221	ND		ug/kg	42.7	1
Aroclor 1232	ND		ug/kg	42.7	1
Aroclor 1242	ND		ug/kg	42.7	1
Aroclor 1248	ND		ug/kg	42.7	1
Aroclor 1254	ND		ug/kg	42.7	1
Aroclor 1260	ND		ug/kg	42.7	1
Aroclor 1262	ND		ug/kg	42.7	1
Aroclor 1268	ND		ug/kg	42.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-03
Client ID: SP-F3-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 11:13
Analyst: SS
Percent Solids: 75%

Date Collected: 08/15/07 08:40
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	44.4	1
Aroclor 1221	ND		ug/kg	44.4	1
Aroclor 1232	ND		ug/kg	44.4	1
Aroclor 1242	ND		ug/kg	44.4	1
Aroclor 1248	ND		ug/kg	44.4	1
Aroclor 1254	ND		ug/kg	44.4	1
Aroclor 1260	ND		ug/kg	44.4	1
Aroclor 1262	ND		ug/kg	44.4	1
Aroclor 1268	ND		ug/kg	44.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-04
Client ID: SP-F4-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 11:42
Analyst: SS
Percent Solids: 76%

Date Collected: 08/15/07 08:45
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.8	1
Aroclor 1221	ND		ug/kg	43.8	1
Aroclor 1232	ND		ug/kg	43.8	1
Aroclor 1242	ND		ug/kg	43.8	1
Aroclor 1248	ND		ug/kg	43.8	1
Aroclor 1254	ND		ug/kg	43.8	1
Aroclor 1260	ND		ug/kg	43.8	1
Aroclor 1262	ND		ug/kg	43.8	1
Aroclor 1268	ND		ug/kg	43.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-05
Client ID: SP-F5-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 12:10
Analyst: SS
Percent Solids: 77%

Date Collected: 08/15/07 08:50
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	43.3	1
Aroclor 1221	ND		ug/kg	43.3	1
Aroclor 1232	ND		ug/kg	43.3	1
Aroclor 1242	ND		ug/kg	43.3	1
Aroclor 1248	ND		ug/kg	43.3	1
Aroclor 1254	ND		ug/kg	43.3	1
Aroclor 1260	ND		ug/kg	43.3	1
Aroclor 1262	ND		ug/kg	43.3	1
Aroclor 1268	ND		ug/kg	43.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-06
Client ID: SP-F6-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 64,8082
Analytical Date: 08/30/07 12:39
Analyst: SS
Percent Solids: 78%

Date Collected: 08/15/07 08:55
Date Received: 08/15/07
Field Prep: Not Specified
Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Polychlorinated Biphenyls by MCP 8082					
Aroclor 1016	ND		ug/kg	42.7	1
Aroclor 1221	ND		ug/kg	42.7	1
Aroclor 1232	ND		ug/kg	42.7	1
Aroclor 1242	ND		ug/kg	42.7	1
Aroclor 1248	ND		ug/kg	42.7	1
Aroclor 1254	ND		ug/kg	42.7	1
Aroclor 1260	ND		ug/kg	42.7	1
Aroclor 1262	ND		ug/kg	42.7	1
Aroclor 1268	ND		ug/kg	42.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0712486
Report Date: 08/30/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 64,8082
Analytical Date: 08/30/07 08:50
Analyst: SS

Extraction Method: EPA 3545
Extraction Date: 08/29/07 19:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/30/07

Parameter	Result	Qualifier	Units	RDL
Polychlorinated Biphenyls by MCP 8082 for sample(s): 01-06 Batch: WG292327-1				
Aroclor 1016	ND		ug/kg	33.3
Aroclor 1221	ND		ug/kg	33.3
Aroclor 1232	ND		ug/kg	33.3
Aroclor 1242	ND		ug/kg	33.3
Aroclor 1248	ND		ug/kg	33.3
Aroclor 1254	ND		ug/kg	33.3
Aroclor 1260	ND		ug/kg	33.3
Aroclor 1262	ND		ug/kg	33.3
Aroclor 1268	ND		ug/kg	33.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0712486

Report Date: 08/30/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Polychlorinated Biphenyls by MCP 8082 Associated sample(s): 01-06 Batch: WG292327-2 WG292327-3					
Aroclor 1016	82	90	40-140	9	30
Aroclor 1260	104	106	40-140	2	30

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		94		30-150	A
Decachlorobiphenyl	103		105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		87		30-150	B
Decachlorobiphenyl	104		102		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-01
 Client ID: SP-F1-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:30
 Date Received: 08/15/07
 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	-	08/30/07 09:10	30,2540G	AT



Project Name: NA EXCAVATION

Lab Number: L0712486

Project Number: 0051545

Report Date: 08/30/07

SAMPLE RESULTS

Lab ID: L0712486-02
 Client ID: SP-F2-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:35
 Date Received: 08/15/07
 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	-	08/30/07 09:10	30,2540G	AT



Project Name: NA EXCAVATION

Lab Number: L0712486

Project Number: 0051545

Report Date: 08/30/07

SAMPLE RESULTS

Lab ID: L0712486-03
 Client ID: SP-F3-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:40
 Date Received: 08/15/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	75		%	0.10	1	-	08/30/07 09:10	30,2540G	AT



Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-04
 Client ID: SP-F4-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:45
 Date Received: 08/15/07
 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	-	08/30/07 09:10	30,2540G	AT



Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-05
 Client ID: SP-F5-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:50
 Date Received: 08/15/07
 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	-	08/30/07 09:10	30,2540G	AT



Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**SAMPLE RESULTS**

Lab ID: L0712486-06
 Client ID: SP-F6-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 08:55
 Date Received: 08/15/07
 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	-	08/30/07 09:10	30,2540G	AT



Lab Duplicate Analysis
Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0712486

Report Date: 08/30/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-06 QC Batch ID: WG292400-1 QC Sample: L0712486-02 Client ID: SP-F2-20070815-01					
Solids, Total	78	79	%	1	20

Project Name: NA EXCAVATION**Lab Number:** L0712486**Project Number:** 0051545**Report Date:** 08/30/07**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
L0712486-01A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04
L0712486-02A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04
L0712486-03A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04
L0712486-04A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04
L0712486-05A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04
L0712486-06A	Amber 250ml unpreserved	A	N/A	5C	Y	Absent	MCP-8082-04

Container Comments

L0712486-01A	Temp Probe
L0712486-02A	Temp Probe
L0712486-03A	Temp Probe
L0712486-04A	Temp Probe
L0712486-05A	Temp Probe
L0712486-06A	Temp Probe

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0712486
Report Date: 08/30/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0712486
Report Date: 08/30/07

REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 64 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). August 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

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

CHAIN OF CUSTODY

PAGE _____ OF _____

Project Information

Project Name: **NA EXCAVATION**

Project Location: **RAINTHED - WATLAND**

Project #: **0051545**

Project Manager: **JASON FLATTERY**

ALPHA Quote #:

Turn-Around Time

Phone: _____
Fax: _____
Email: _____

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Relog of L0711772

Standard RUSH (not confirmed if pre-approved)
Date Due: **8/30/07** Time: _____

Date Rec'd in Lab:

8/15/07

ALPHA Job #: **L0712486**

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory/Requirements/Report Limits

State / Fed Program **MCP** Criteria

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS
PCB-8082

SAMPLE HANDLING

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date/Time	Container Type Preservative	Date/Time	Received By:	Date/Time
		Date	Time							
12486.1	SR-F1-20070815-01	8/15/07	0830	S	X					
2	SR-F2-20070815-01		0835							
3	SR-F3-20070815-01		0840							
4	SR-F4-20070815-01		0845							
5	SR-F5-20070815-01		0850							
6	SR-F6-20070815-01		0855							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

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

ALPHA

CHAIN OF CUSTODY

PAGE 1 OF 1

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 BRISTOL ST 6TH FLOOR
BOSTON, MA 02116**

Phone: **(617) 646-7800**

Fax: **(617) 267-6447**

Email: **jasen.fletcher@erm.com**

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: **WA EXCAVATION**

Project Location: **RAYTHEON - WYLAND**

Project #: **0051545**

Project Manager: **JASEN FLETCHER**

ALPHA Quote #:

Turn-Around Time

Date Rec'd In Lab:

8/15/07

Report Information - Data Deliverables

FAX EMAIL

BADEX Add'l Deliverables

Regulatory/Requirements/Report Limits

State / Fed Program **MCP** Criteria

MAMCP PRESUMPTIVE CERTAINTY ... CT REASONABLE CONFIDENCE PROTOCOLS

Are MCP Analytical Methods Required? Yes No

Are CT RCP (Reasonable Confidence Protocol(s)) Required? Yes No

ANALYSIS
 TCLP VOA
 TCLP PCBs SVOLs
 PESTICIDES, HERB.
 PH, REACT, FLUORIDE
 TCLP AS, BA, CI, Pb, Hg, Se, ...

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments
		Date	Time			TCLP VOA	TCLP PCBs SVOLs	PESTICIDES, HERB.	PH, REACT, FLUORIDE	
17772	SP-F1-20070815-01	8/15/07	0830	S	JD	X	X	X	X	
2	SP-F2-20070815-01		0835			X	X	X	X	
3	SP-F3-20070815-01		0840			X	X	X	X	
4	SP-F4-20070815-01		0845			X	X	X	X	
5	SP-F5-20070815-01		0850			X	X	X	X	
6	SP-F6-20070815-01		0855			X	X	X	X	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
 MA MCP or CT RCP?

Container Type
 Preservative

Container Type
 Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

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

Jasen Fletcher

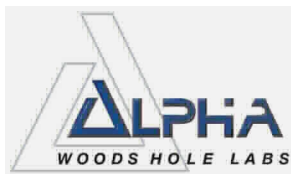
8/15/07 15:30

Jasen Fletcher

8/15/07 16:15

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.

LG712484



ANALYTICAL REPORT

Lab Number:	L0712125
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:	08/29/07

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: L0712125
Report Date: 08/29/07

Alpha Sample ID	Client ID	Sample Location
L0712125-01	SP-I1-20070821-01	RAYTHEON WAYLAND
L0712125-02	SP-I2-20070821-01	RAYTHEON WAYLAND
L0712125-03	SP-I3-20070821-01	RAYTHEON WAYLAND
L0712125-04	SP-I4-20070821-01	RAYTHEON WAYLAND
L0712125-05	SP-I5-20070821-01	RAYTHEON WAYLAND
L0712125-06	SP-I6-20070821-01	RAYTHEON WAYLAND
L0712125-07	SP-J1-20070821-01	RAYTHEON WAYLAND
L0712125-08	SP-J2-20070821-01	RAYTHEON WAYLAND
L0712125-09	SP-J3-20070821-01	RAYTHEON WAYLAND
L0712125-10	SP-J4-20070821-01	RAYTHEON WAYLAND
L0712125-11	SP-J5-20070821-01	RAYTHEON WAYLAND
L0712125-12	SP-J6-20070821-01	RAYTHEON WAYLAND
L0712125-13	DUP-001-20070821-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

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: L0712125
Report Date: 08/29/07

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.

Report Submission

This final report replaces the preliminary report issued August 28, 2007. The report has been amended to include the results for all requested analyses.

At the client's request, all requested TCLP analyses were put on hold.

MCP Related Narratives:

Volatile Organics

L0712125-01 through -13 were processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

In reference to question E:

The WG292028-1,2 LCS,LCSD and the WG292044-1,2 LCS,LCSD % recoveries for Dichlorodifluoromethane and 2,2-Dichloropropane, both difficult analytes, 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: 08/29/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-01
Client ID: SP-I1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/27/07 23:47
Analyst: PD
Percent Solids: 76%

Date Collected: 08/21/07 11:05
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	850	1
1,1-Dichloroethane	ND		ug/kg	130	1
Chloroform	ND		ug/kg	130	1
Carbon tetrachloride	ND		ug/kg	85	1
1,2-Dichloropropane	ND		ug/kg	300	1
Dibromochloromethane	ND		ug/kg	85	1
1,1,2-Trichloroethane	ND		ug/kg	130	1
Tetrachloroethene	290		ug/kg	85	1
Chlorobenzene	ND		ug/kg	85	1
Trichlorofluoromethane	ND		ug/kg	430	1
1,2-Dichloroethane	ND		ug/kg	85	1
1,1,1-Trichloroethane	ND		ug/kg	85	1
Bromodichloromethane	ND		ug/kg	85	1
trans-1,3-Dichloropropene	ND		ug/kg	85	1
cis-1,3-Dichloropropene	ND		ug/kg	85	1
1,1-Dichloropropene	ND		ug/kg	430	1
Bromoform	ND		ug/kg	340	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	85	1
Benzene	ND		ug/kg	85	1
Toluene	ND		ug/kg	130	1
Ethylbenzene	ND		ug/kg	85	1
Chloromethane	ND		ug/kg	430	1
Bromomethane	ND		ug/kg	170	1
Vinyl chloride	ND		ug/kg	170	1
Chloroethane	ND		ug/kg	170	1
1,1-Dichloroethene	ND		ug/kg	85	1
trans-1,2-Dichloroethene	ND		ug/kg	130	1
Trichloroethene	910		ug/kg	85	1
1,2-Dichlorobenzene	ND		ug/kg	430	1
1,3-Dichlorobenzene	ND		ug/kg	430	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-01
 Client ID: SP-I1-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:05
 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	430	1
Methyl tert butyl ether	ND		ug/kg	170	1
p/m-Xylene	ND		ug/kg	170	1
o-Xylene	ND		ug/kg	170	1
cis-1,2-Dichloroethene	180		ug/kg	85	1
Dibromomethane	ND		ug/kg	850	1
1,2,3-Trichloropropane	ND		ug/kg	850	1
Styrene	ND		ug/kg	170	1
Dichlorodifluoromethane	ND		ug/kg	850	1
Acetone	ND		ug/kg	850	1
Carbon disulfide	ND		ug/kg	4300	1
2-Butanone	ND		ug/kg	850	1
4-Methyl-2-pentanone	ND		ug/kg	850	1
2-Hexanone	ND		ug/kg	850	1
Bromochloromethane	ND		ug/kg	430	1
Tetrahydrofuran	ND		ug/kg	1700	1
2,2-Dichloropropane	ND		ug/kg	430	1
1,2-Dibromoethane	ND		ug/kg	340	1
1,3-Dichloropropane	ND		ug/kg	430	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	85	1
Bromobenzene	ND		ug/kg	430	1
n-Butylbenzene	ND		ug/kg	85	1
sec-Butylbenzene	ND		ug/kg	85	1
tert-Butylbenzene	ND		ug/kg	430	1
o-Chlorotoluene	ND		ug/kg	430	1
p-Chlorotoluene	ND		ug/kg	430	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	430	1
Hexachlorobutadiene	ND		ug/kg	430	1
Isopropylbenzene	ND		ug/kg	85	1
p-Isopropyltoluene	ND		ug/kg	85	1
Naphthalene	ND		ug/kg	430	1
n-Propylbenzene	ND		ug/kg	85	1
1,2,3-Trichlorobenzene	ND		ug/kg	430	1
1,2,4-Trichlorobenzene	ND		ug/kg	430	1
1,3,5-Trimethylbenzene	ND		ug/kg	430	1
1,2,4-Trimethylbenzene	ND		ug/kg	430	1
Ethyl ether	ND		ug/kg	430	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-01
 Client ID: SP-I1-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:05
 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	340	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	340	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	340	1
1,4-Dioxane	ND		ug/kg	43000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-02
 Client ID: SP-I2-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/28/07 00:21
 Analyst: PD
 Percent Solids: 78%

Date Collected: 08/21/07 11:10
 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	ND		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	640		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: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-02
 Client ID: SP-I2-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:10
 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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-02
 Client ID: SP-I2-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:10
 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	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-03
Client ID: SP-I3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/27/07 18:31
Analyst: PD
Percent Solids: 74%

Date Collected: 08/21/07 11:15
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	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	19		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	86		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: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-03
 Client ID: SP-I3-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:15
 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	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	8.2		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	38		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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-03
 Client ID: SP-I3-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:15
 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	4.9	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	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-04
Client ID: SP-I4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/27/07 19:07
Analyst: PD
Percent Solids: 77%

Date Collected: 08/21/07 11:20
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	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	10		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	2.4	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	180		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: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-04
 Client ID: SP-I4-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:20
 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	5.9	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	15		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	62		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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-04
 Client ID: SP-I4-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:20
 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	4.7	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	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-05
 Client ID: SP-I5-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/27/07 19:42
 Analyst: PD
 Percent Solids: 77%

Date Collected: 08/21/07 11:25
 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	3.8	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	5.6		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: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-05
 Client ID: SP-I5-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:25
 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	5.4	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	46		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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-05
 Client ID: SP-I5-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:25
 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	4.3	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	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-06
Client ID: SP-I6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/27/07 20:18
Analyst: PD
Percent Solids: 75%

Date Collected: 08/21/07 11:30
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	12	1
1,1-Dichloroethane	ND		ug/kg	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.4	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	20		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.3	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	6.3	1
Bromoform	ND		ug/kg	5.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.2	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	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	190		ug/kg	1.2	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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-06
 Client ID: SP-I6-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:30
 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	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	13		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	63	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	6.3	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.3	1
1,2-Dibromoethane	ND		ug/kg	5.0	1
1,3-Dichloropropane	ND		ug/kg	6.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.3	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	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	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-06
 Client ID: SP-I6-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:30
 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	5.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.0	1
1,4-Dioxane	ND		ug/kg	630	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-07
Client ID: SP-J1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 00:56
Analyst: PD
Percent Solids: 80%

Date Collected: 08/21/07 11:35
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	1100	1
1,1-Dichloroethane	ND		ug/kg	160	1
Chloroform	ND		ug/kg	160	1
Carbon tetrachloride	ND		ug/kg	110	1
1,2-Dichloropropane	ND		ug/kg	380	1
Dibromochloromethane	ND		ug/kg	110	1
1,1,2-Trichloroethane	ND		ug/kg	160	1
Tetrachloroethene	ND		ug/kg	110	1
Chlorobenzene	ND		ug/kg	110	1
Trichlorofluoromethane	ND		ug/kg	550	1
1,2-Dichloroethane	ND		ug/kg	110	1
1,1,1-Trichloroethane	ND		ug/kg	110	1
Bromodichloromethane	ND		ug/kg	110	1
trans-1,3-Dichloropropene	ND		ug/kg	110	1
cis-1,3-Dichloropropene	ND		ug/kg	110	1
1,1-Dichloropropene	ND		ug/kg	550	1
Bromoform	ND		ug/kg	440	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	110	1
Benzene	ND		ug/kg	110	1
Toluene	ND		ug/kg	160	1
Ethylbenzene	ND		ug/kg	110	1
Chloromethane	ND		ug/kg	550	1
Bromomethane	ND		ug/kg	220	1
Vinyl chloride	ND		ug/kg	220	1
Chloroethane	ND		ug/kg	220	1
1,1-Dichloroethene	ND		ug/kg	110	1
trans-1,2-Dichloroethene	ND		ug/kg	160	1
Trichloroethene	1400		ug/kg	110	1
1,2-Dichlorobenzene	ND		ug/kg	550	1
1,3-Dichlorobenzene	ND		ug/kg	550	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-07
 Client ID: SP-J1-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:35
 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	550	1
Methyl tert butyl ether	ND		ug/kg	220	1
p/m-Xylene	ND		ug/kg	220	1
o-Xylene	ND		ug/kg	220	1
cis-1,2-Dichloroethene	ND		ug/kg	110	1
Dibromomethane	ND		ug/kg	1100	1
1,2,3-Trichloropropane	ND		ug/kg	1100	1
Styrene	ND		ug/kg	220	1
Dichlorodifluoromethane	ND		ug/kg	1100	1
Acetone	ND		ug/kg	1100	1
Carbon disulfide	ND		ug/kg	5500	1
2-Butanone	ND		ug/kg	1100	1
4-Methyl-2-pentanone	ND		ug/kg	1100	1
2-Hexanone	ND		ug/kg	1100	1
Bromochloromethane	ND		ug/kg	550	1
Tetrahydrofuran	ND		ug/kg	2200	1
2,2-Dichloropropane	ND		ug/kg	550	1
1,2-Dibromoethane	ND		ug/kg	440	1
1,3-Dichloropropane	ND		ug/kg	550	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	110	1
Bromobenzene	ND		ug/kg	550	1
n-Butylbenzene	ND		ug/kg	110	1
sec-Butylbenzene	ND		ug/kg	110	1
tert-Butylbenzene	ND		ug/kg	550	1
o-Chlorotoluene	ND		ug/kg	550	1
p-Chlorotoluene	ND		ug/kg	550	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	550	1
Hexachlorobutadiene	ND		ug/kg	550	1
Isopropylbenzene	ND		ug/kg	110	1
p-Isopropyltoluene	ND		ug/kg	110	1
Naphthalene	ND		ug/kg	550	1
n-Propylbenzene	ND		ug/kg	110	1
1,2,3-Trichlorobenzene	ND		ug/kg	550	1
1,2,4-Trichlorobenzene	ND		ug/kg	550	1
1,3,5-Trimethylbenzene	ND		ug/kg	550	1
1,2,4-Trimethylbenzene	ND		ug/kg	550	1
Ethyl ether	ND		ug/kg	550	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-07
 Client ID: SP-J1-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:35
 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	440	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	440	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	440	1
1,4-Dioxane	ND		ug/kg	55000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	89		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-08
Client ID: SP-J2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 01:31
Analyst: PD
Percent Solids: 81%

Date Collected: 08/21/07 11:40
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	710	1
1,1-Dichloroethane	ND		ug/kg	110	1
Chloroform	ND		ug/kg	110	1
Carbon tetrachloride	ND		ug/kg	71	1
1,2-Dichloropropane	ND		ug/kg	250	1
Dibromochloromethane	ND		ug/kg	71	1
1,1,2-Trichloroethane	ND		ug/kg	110	1
Tetrachloroethene	ND		ug/kg	71	1
Chlorobenzene	ND		ug/kg	71	1
Trichlorofluoromethane	ND		ug/kg	360	1
1,2-Dichloroethane	ND		ug/kg	71	1
1,1,1-Trichloroethane	ND		ug/kg	71	1
Bromodichloromethane	ND		ug/kg	71	1
trans-1,3-Dichloropropene	ND		ug/kg	71	1
cis-1,3-Dichloropropene	ND		ug/kg	71	1
1,1-Dichloropropene	ND		ug/kg	360	1
Bromoform	ND		ug/kg	280	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	71	1
Benzene	ND		ug/kg	71	1
Toluene	ND		ug/kg	110	1
Ethylbenzene	ND		ug/kg	71	1
Chloromethane	ND		ug/kg	360	1
Bromomethane	ND		ug/kg	140	1
Vinyl chloride	ND		ug/kg	140	1
Chloroethane	ND		ug/kg	140	1
1,1-Dichloroethene	ND		ug/kg	71	1
trans-1,2-Dichloroethene	ND		ug/kg	110	1
Trichloroethene	680		ug/kg	71	1
1,2-Dichlorobenzene	ND		ug/kg	360	1
1,3-Dichlorobenzene	ND		ug/kg	360	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-08
 Client ID: SP-J2-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:40
 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	360	1
Methyl tert butyl ether	ND		ug/kg	140	1
p/m-Xylene	ND		ug/kg	140	1
o-Xylene	ND		ug/kg	140	1
cis-1,2-Dichloroethene	ND		ug/kg	71	1
Dibromomethane	ND		ug/kg	710	1
1,2,3-Trichloropropane	ND		ug/kg	710	1
Styrene	ND		ug/kg	140	1
Dichlorodifluoromethane	ND		ug/kg	710	1
Acetone	ND		ug/kg	710	1
Carbon disulfide	ND		ug/kg	3600	1
2-Butanone	ND		ug/kg	710	1
4-Methyl-2-pentanone	ND		ug/kg	710	1
2-Hexanone	ND		ug/kg	710	1
Bromochloromethane	ND		ug/kg	360	1
Tetrahydrofuran	ND		ug/kg	1400	1
2,2-Dichloropropane	ND		ug/kg	360	1
1,2-Dibromoethane	ND		ug/kg	280	1
1,3-Dichloropropane	ND		ug/kg	360	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	71	1
Bromobenzene	ND		ug/kg	360	1
n-Butylbenzene	ND		ug/kg	71	1
sec-Butylbenzene	ND		ug/kg	71	1
tert-Butylbenzene	ND		ug/kg	360	1
o-Chlorotoluene	ND		ug/kg	360	1
p-Chlorotoluene	ND		ug/kg	360	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	360	1
Hexachlorobutadiene	ND		ug/kg	360	1
Isopropylbenzene	ND		ug/kg	71	1
p-Isopropyltoluene	ND		ug/kg	71	1
Naphthalene	ND		ug/kg	360	1
n-Propylbenzene	ND		ug/kg	71	1
1,2,3-Trichlorobenzene	ND		ug/kg	360	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	1
1,3,5-Trimethylbenzene	ND		ug/kg	360	1
1,2,4-Trimethylbenzene	ND		ug/kg	360	1
Ethyl ether	ND		ug/kg	360	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-08
 Client ID: SP-J2-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:40
 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	280	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	280	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	280	1
1,4-Dioxane	ND		ug/kg	36000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-09
Client ID: SP-J3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 02:06
Analyst: PD
Percent Solids: 82%

Date Collected: 08/21/07 11:45
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	ND		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	300	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	890		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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-09
 Client ID: SP-J3-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:45
 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	300	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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-09
 Client ID: SP-J3-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:45
 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	300	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	300	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	300	1
1,4-Dioxane	ND		ug/kg	38000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	92		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-10
 Client ID: SP-J4-20070821-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/28/07 02:40
 Analyst: PD
 Percent Solids: 75%

Date Collected: 08/21/07 11:50
 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	820	1
1,1-Dichloroethane	ND		ug/kg	120	1
Chloroform	ND		ug/kg	120	1
Carbon tetrachloride	ND		ug/kg	82	1
1,2-Dichloropropane	ND		ug/kg	290	1
Dibromochloromethane	ND		ug/kg	82	1
1,1,2-Trichloroethane	ND		ug/kg	120	1
Tetrachloroethene	96		ug/kg	82	1
Chlorobenzene	ND		ug/kg	82	1
Trichlorofluoromethane	ND		ug/kg	410	1
1,2-Dichloroethane	ND		ug/kg	82	1
1,1,1-Trichloroethane	ND		ug/kg	82	1
Bromodichloromethane	ND		ug/kg	82	1
trans-1,3-Dichloropropene	ND		ug/kg	82	1
cis-1,3-Dichloropropene	ND		ug/kg	82	1
1,1-Dichloropropene	ND		ug/kg	410	1
Bromoform	ND		ug/kg	330	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	82	1
Benzene	ND		ug/kg	82	1
Toluene	ND		ug/kg	120	1
Ethylbenzene	ND		ug/kg	82	1
Chloromethane	ND		ug/kg	410	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	82	1
trans-1,2-Dichloroethene	ND		ug/kg	120	1
Trichloroethene	1600		ug/kg	82	1
1,2-Dichlorobenzene	ND		ug/kg	410	1
1,3-Dichlorobenzene	ND		ug/kg	410	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-10
 Client ID: SP-J4-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:50
 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	410	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	82	1
Dibromomethane	ND		ug/kg	820	1
1,2,3-Trichloropropane	ND		ug/kg	820	1
Styrene	ND		ug/kg	160	1
Dichlorodifluoromethane	ND		ug/kg	820	1
Acetone	ND		ug/kg	820	1
Carbon disulfide	ND		ug/kg	4100	1
2-Butanone	ND		ug/kg	820	1
4-Methyl-2-pentanone	ND		ug/kg	820	1
2-Hexanone	ND		ug/kg	820	1
Bromochloromethane	ND		ug/kg	410	1
Tetrahydrofuran	ND		ug/kg	1600	1
2,2-Dichloropropane	ND		ug/kg	410	1
1,2-Dibromoethane	ND		ug/kg	330	1
1,3-Dichloropropane	ND		ug/kg	410	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	82	1
Bromobenzene	ND		ug/kg	410	1
n-Butylbenzene	ND		ug/kg	82	1
sec-Butylbenzene	ND		ug/kg	82	1
tert-Butylbenzene	ND		ug/kg	410	1
o-Chlorotoluene	ND		ug/kg	410	1
p-Chlorotoluene	ND		ug/kg	410	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	1
Hexachlorobutadiene	ND		ug/kg	410	1
Isopropylbenzene	ND		ug/kg	82	1
p-Isopropyltoluene	ND		ug/kg	82	1
Naphthalene	ND		ug/kg	410	1
n-Propylbenzene	ND		ug/kg	82	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	1
1,3,5-Trimethylbenzene	ND		ug/kg	410	1
1,2,4-Trimethylbenzene	ND		ug/kg	410	1
Ethyl ether	ND		ug/kg	410	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-10
 Client ID: SP-J4-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:50
 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	330	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	330	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	330	1
1,4-Dioxane	ND		ug/kg	41000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	91		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-11
Client ID: SP-J5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/27/07 20:52
Analyst: PD
Percent Solids: 79%

Date Collected: 08/21/07 11:55
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	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	1.6		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	29		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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-11
 Client ID: SP-J5-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:55
 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	5.9	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	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	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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-11
 Client ID: SP-J5-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 11:55
 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	4.7	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	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-12
Client ID: SP-J6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/28/07 03:16
Analyst: PD
Percent Solids: 76%

Date Collected: 08/21/07 12:00
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	800	1
1,1-Dichloroethane	ND		ug/kg	120	1
Chloroform	ND		ug/kg	120	1
Carbon tetrachloride	ND		ug/kg	80	1
1,2-Dichloropropane	ND		ug/kg	280	1
Dibromochloromethane	ND		ug/kg	80	1
1,1,2-Trichloroethane	ND		ug/kg	120	1
Tetrachloroethene	110		ug/kg	80	1
Chlorobenzene	ND		ug/kg	80	1
Trichlorofluoromethane	ND		ug/kg	400	1
1,2-Dichloroethane	ND		ug/kg	80	1
1,1,1-Trichloroethane	ND		ug/kg	80	1
Bromodichloromethane	ND		ug/kg	80	1
trans-1,3-Dichloropropene	ND		ug/kg	80	1
cis-1,3-Dichloropropene	ND		ug/kg	80	1
1,1-Dichloropropene	ND		ug/kg	400	1
Bromoform	ND		ug/kg	320	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	80	1
Benzene	ND		ug/kg	80	1
Toluene	ND		ug/kg	120	1
Ethylbenzene	ND		ug/kg	80	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	80	1
trans-1,2-Dichloroethene	ND		ug/kg	120	1
Trichloroethene	1100		ug/kg	80	1
1,2-Dichlorobenzene	ND		ug/kg	400	1
1,3-Dichlorobenzene	ND		ug/kg	400	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-12
 Client ID: SP-J6-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 12:00
 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	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	80	1
Dibromomethane	ND		ug/kg	800	1
1,2,3-Trichloropropane	ND		ug/kg	800	1
Styrene	ND		ug/kg	160	1
Dichlorodifluoromethane	ND		ug/kg	800	1
Acetone	ND		ug/kg	800	1
Carbon disulfide	ND		ug/kg	4000	1
2-Butanone	ND		ug/kg	800	1
4-Methyl-2-pentanone	ND		ug/kg	800	1
2-Hexanone	ND		ug/kg	800	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	80	1
Bromobenzene	ND		ug/kg	400	1
n-Butylbenzene	ND		ug/kg	80	1
sec-Butylbenzene	ND		ug/kg	80	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	80	1
p-Isopropyltoluene	ND		ug/kg	80	1
Naphthalene	ND		ug/kg	400	1
n-Propylbenzene	ND		ug/kg	80	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:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-12
 Client ID: SP-J6-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 12:00
 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	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	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-13
Client ID: DUP-001-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 08/28/07 03:50
Analyst: PD
Percent Solids: 79%

Date Collected: 08/21/07 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	650	1
1,1-Dichloroethane	ND		ug/kg	98	1
Chloroform	ND		ug/kg	98	1
Carbon tetrachloride	ND		ug/kg	65	1
1,2-Dichloropropane	ND		ug/kg	230	1
Dibromochloromethane	ND		ug/kg	65	1
1,1,2-Trichloroethane	ND		ug/kg	98	1
Tetrachloroethene	90		ug/kg	65	1
Chlorobenzene	ND		ug/kg	65	1
Trichlorofluoromethane	ND		ug/kg	330	1
1,2-Dichloroethane	ND		ug/kg	65	1
1,1,1-Trichloroethane	ND		ug/kg	65	1
Bromodichloromethane	ND		ug/kg	65	1
trans-1,3-Dichloropropene	ND		ug/kg	65	1
cis-1,3-Dichloropropene	ND		ug/kg	65	1
1,1-Dichloropropene	ND		ug/kg	330	1
Bromoform	ND		ug/kg	260	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	65	1
Benzene	ND		ug/kg	65	1
Toluene	ND		ug/kg	98	1
Ethylbenzene	ND		ug/kg	65	1
Chloromethane	ND		ug/kg	330	1
Bromomethane	ND		ug/kg	130	1
Vinyl chloride	ND		ug/kg	130	1
Chloroethane	ND		ug/kg	130	1
1,1-Dichloroethene	ND		ug/kg	65	1
trans-1,2-Dichloroethene	ND		ug/kg	98	1
Trichloroethene	1500		ug/kg	65	1
1,2-Dichlorobenzene	ND		ug/kg	330	1
1,3-Dichlorobenzene	ND		ug/kg	330	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-13
 Client ID: DUP-001-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 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	330	1
Methyl tert butyl ether	ND		ug/kg	130	1
p/m-Xylene	ND		ug/kg	130	1
o-Xylene	ND		ug/kg	130	1
cis-1,2-Dichloroethene	ND		ug/kg	65	1
Dibromomethane	ND		ug/kg	650	1
1,2,3-Trichloropropane	ND		ug/kg	650	1
Styrene	ND		ug/kg	130	1
Dichlorodifluoromethane	ND		ug/kg	650	1
Acetone	ND		ug/kg	650	1
Carbon disulfide	ND		ug/kg	3300	1
2-Butanone	ND		ug/kg	650	1
4-Methyl-2-pentanone	ND		ug/kg	650	1
2-Hexanone	ND		ug/kg	650	1
Bromochloromethane	ND		ug/kg	330	1
Tetrahydrofuran	ND		ug/kg	1300	1
2,2-Dichloropropane	ND		ug/kg	330	1
1,2-Dibromoethane	ND		ug/kg	260	1
1,3-Dichloropropane	ND		ug/kg	330	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	65	1
Bromobenzene	ND		ug/kg	330	1
n-Butylbenzene	ND		ug/kg	65	1
sec-Butylbenzene	ND		ug/kg	65	1
tert-Butylbenzene	ND		ug/kg	330	1
o-Chlorotoluene	ND		ug/kg	330	1
p-Chlorotoluene	ND		ug/kg	330	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	1
Hexachlorobutadiene	ND		ug/kg	330	1
Isopropylbenzene	ND		ug/kg	65	1
p-Isopropyltoluene	ND		ug/kg	65	1
Naphthalene	ND		ug/kg	330	1
n-Propylbenzene	ND		ug/kg	65	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	1
1,3,5-Trimethylbenzene	ND		ug/kg	330	1
1,2,4-Trimethylbenzene	ND		ug/kg	330	1
Ethyl ether	ND		ug/kg	330	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712125**Project Number:** 0051545**Report Date:** 08/29/07**SAMPLE RESULTS**

Lab ID: L0712125-13
 Client ID: DUP-001-20070821-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/21/07 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	260	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	260	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	260	1
1,4-Dioxane	ND		ug/kg	33000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 03-06,11 Batch: WG292028-3				
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: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 03-06,11 Batch: WG292028-3				
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: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 03-06,11 Batch: WG292028-3				
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	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 01-02,07-10,12-13 Batch: WG292044-3				
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: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 01-02,07-10,12-13 Batch: WG292044-3				
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: L0712125
Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/27/07 17:56
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-High for sample(s): 01-02,07-10,12-13 Batch: WG292044-3				
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	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 03-06,11 Batch: WG292028-1 WG292028-2					
Methylene chloride	76	75	70-130	1	25
1,1-Dichloroethane	98	101	70-130	3	25
Chloroform	104	107	70-130	3	25
Carbon tetrachloride	100	106	70-130	6	25
1,2-Dichloropropane	96	95	70-130	1	25
Dibromochloromethane	96	97	70-130	1	25
1,1,2-Trichloroethane	97	98	70-130	1	25
Tetrachloroethene	106	108	70-130	2	25
Chlorobenzene	98	100	70-130	2	25
Trichlorofluoromethane	110	116	70-130	5	25
1,2-Dichloroethane	106	108	70-130	2	25
1,1,1-Trichloroethane	104	108	70-130	4	25
Bromodichloromethane	102	104	70-130	2	25
trans-1,3-Dichloropropene	88	92	70-130	4	25
cis-1,3-Dichloropropene	85	88	70-130	3	25
1,1-Dichloropropene	100	102	70-130	2	25
Bromoform	93	95	70-130	2	50
1,1,2,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	97	98	70-130	1	25
Toluene	99	99	70-130	0	25
Ethylbenzene	105	106	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 03-06,11 Batch: WG292028-1 WG292028-2					
Chloromethane	89	93	70-130	4	50
Bromomethane	125	125	70-130	0	50
Vinyl chloride	97	98	70-130	1	25
Chloroethane	122	118	70-130	3	25
1,1-Dichloroethene	101	101	70-130	0	25
trans-1,2-Dichloroethene	100	102	70-130	2	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	97	98	70-130	1	25
1,3-Dichlorobenzene	99	101	70-130	2	25
1,4-Dichlorobenzene	96	99	70-130	3	25
Methyl tert butyl ether	89	86	70-130	3	25
p/m-Xylene	102	105	70-130	3	25
o-Xylene	108	109	70-130	1	25
cis-1,2-Dichloroethene	100	102	70-130	2	25
Dibromomethane	102	101	70-130	1	25
1,2,3-Trichloropropane	103	102	70-130	1	25
Styrene	107	108	70-130	1	25
Dichlorodifluoromethane	56	58	70-130	4	50
Acetone	96	84	70-130	13	50
Carbon disulfide	92	93	70-130	1	25
2-Butanone	90	87	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 03-06,11 Batch: WG292028-1 WG292028-2					
4-Methyl-2-pentanone	99	94	70-130	5	50
2-Hexanone	101	96	70-130	5	50
Bromochloromethane	92	97	70-130	5	25
Tetrahydrofuran	92	86	70-130	7	25
2,2-Dichloropropane	60	66	70-130	10	50
1,2-Dibromoethane	100	100	70-130	0	25
1,3-Dichloropropane	102	102	70-130	0	25
1,1,1,2-Tetrachloroethane	105	106	70-130	1	25
Bromobenzene	100	101	70-130	1	25
n-Butylbenzene	82	83	70-130	1	25
sec-Butylbenzene	105	107	70-130	2	25
tert-Butylbenzene	105	108	70-130	3	25
o-Chlorotoluene	102	105	70-130	3	25
p-Chlorotoluene	102	104	70-130	2	25
1,2-Dibromo-3-chloropropane	81	87	70-130	7	50
Hexachlorobutadiene	97	102	70-130	5	25
Isopropylbenzene	113	112	70-130	1	25
p-Isopropyltoluene	109	111	70-130	2	25
Naphthalene	86	92	70-130	7	25
n-Propylbenzene	102	104	70-130	2	25
1,2,3-Trichlorobenzene	88	95	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 03-06,11 Batch: WG292028-1 WG292028-2					
1,2,4-Trichlorobenzene	89	95	70-130	7	25
1,3,5-Trimethylbenzene	102	103	70-130	1	25
1,2,4-Trimethylbenzene	104	105	70-130	1	25
Ethyl ether	120	118	70-130	2	25
Isopropyl Ether	104	105	70-130	1	25
Ethyl-Tert-Butyl-Ether	93	94	70-130	1	25
Tertiary-Amyl Methyl Ether	97	96	70-130	1	25
1,4-Dioxane	94	92	70-130	2	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		100		70-130
Toluene-d8	95		97		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01-02,07-10,12-13 Batch: WG292044-1 WG292044-2					
Methylene chloride	76	75	70-130	1	25
1,1-Dichloroethane	98	101	70-130	3	25
Chloroform	104	107	70-130	3	25
Carbon tetrachloride	100	106	70-130	6	25
1,2-Dichloropropane	96	95	70-130	1	25
Dibromochloromethane	96	97	70-130	1	25
1,1,2-Trichloroethane	97	98	70-130	1	25
Tetrachloroethene	106	108	70-130	2	25
Chlorobenzene	98	100	70-130	2	25
Trichlorofluoromethane	110	116	70-130	5	25
1,2-Dichloroethane	106	108	70-130	2	25
1,1,1-Trichloroethane	104	108	70-130	4	25
Bromodichloromethane	102	104	70-130	2	25
trans-1,3-Dichloropropene	88	92	70-130	4	25
cis-1,3-Dichloropropene	85	88	70-130	3	25
1,1-Dichloropropene	100	102	70-130	2	25
Bromoform	93	95	70-130	2	50
1,1,2,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	97	98	70-130	1	25
Toluene	99	99	70-130	0	25
Ethylbenzene	105	106	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01-02,07-10,12-13 Batch: WG292044-1 WG292044-2					
Chloromethane	89	93	70-130	4	50
Bromomethane	125	125	70-130	0	50
Vinyl chloride	97	98	70-130	1	25
Chloroethane	122	118	70-130	3	25
1,1-Dichloroethene	101	101	70-130	0	25
trans-1,2-Dichloroethene	100	102	70-130	2	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	97	98	70-130	1	25
1,3-Dichlorobenzene	99	101	70-130	2	25
1,4-Dichlorobenzene	96	99	70-130	3	25
Methyl tert butyl ether	89	86	70-130	3	25
p/m-Xylene	102	105	70-130	3	25
o-Xylene	108	109	70-130	1	25
cis-1,2-Dichloroethene	100	102	70-130	2	25
Dibromomethane	102	101	70-130	1	25
1,2,3-Trichloropropane	103	102	70-130	1	25
Styrene	107	108	70-130	1	25
Dichlorodifluoromethane	56	58	70-130	4	50
Acetone	96	84	70-130	13	50
Carbon disulfide	92	93	70-130	1	25
2-Butanone	90	87	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01-02,07-10,12-13 Batch: WG292044-1 WG292044-2					
4-Methyl-2-pentanone	99	94	70-130	5	50
2-Hexanone	101	96	70-130	5	50
Bromochloromethane	92	97	70-130	5	25
Tetrahydrofuran	92	86	70-130	7	25
2,2-Dichloropropane	60	66	70-130	10	50
1,2-Dibromoethane	100	100	70-130	0	25
1,3-Dichloropropane	102	102	70-130	0	25
1,1,1,2-Tetrachloroethane	105	106	70-130	1	25
Bromobenzene	100	101	70-130	1	25
n-Butylbenzene	82	83	70-130	1	25
sec-Butylbenzene	105	107	70-130	2	25
tert-Butylbenzene	105	108	70-130	3	25
o-Chlorotoluene	102	105	70-130	3	25
p-Chlorotoluene	102	104	70-130	2	25
1,2-Dibromo-3-chloropropane	81	87	70-130	7	50
Hexachlorobutadiene	97	102	70-130	5	25
Isopropylbenzene	113	112	70-130	1	25
p-Isopropyltoluene	109	111	70-130	2	25
Naphthalene	86	92	70-130	7	25
n-Propylbenzene	102	104	70-130	2	25
1,2,3-Trichlorobenzene	88	95	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01-02,07-10,12-13 Batch: WG292044-1 WG292044-2					
1,2,4-Trichlorobenzene	89	95	70-130	7	25
1,3,5-Trimethylbenzene	102	103	70-130	1	25
1,2,4-Trimethylbenzene	104	105	70-130	1	25
Ethyl ether	120	118	70-130	2	25
Isopropyl Ether	104	105	70-130	1	25
Ethyl-Tert-Butyl-Ether	93	94	70-130	1	25
Tertiary-Amyl Methyl Ether	97	96	70-130	1	25
1,4-Dioxane	94	92	70-130	2	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97	100	70-130
Toluene-d8	95	97	70-130
4-Bromofluorobenzene	97	98	70-130
Dibromofluoromethane	98	99	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-01
Client ID: SP-I1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:05
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-02
Client ID: SP-I2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:10
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-03
Client ID: SP-I3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:15
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-04
Client ID: SP-I4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:20
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-05
Client ID: SP-I5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:25
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-06
Client ID: SP-I6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:30
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-07
Client ID: SP-J1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:35
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-08
Client ID: SP-J2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:40
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-09
Client ID: SP-J3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:45
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-10
Client ID: SP-J4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:50
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-11
Client ID: SP-J5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:55
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Sand
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-12
Client ID: SP-J6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 12:00
Date Received: 08/22/07
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	08/23/07 22:30	1,1030	TH



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-01
Client ID: SP-I1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:05
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	76		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	7.5		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-02
Client ID: SP-I2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:10
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	78		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.4		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-03
Client ID: SP-I3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:15
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	74		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.4		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-04
Client ID: SP-I4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:20
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	77		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	7.1		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-05
Client ID: SP-I5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:25
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	77		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.1		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-06
Client ID: SP-I6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:30
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	75		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.8		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-07
Client ID: SP-J1-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:35
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	80		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	7.4		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-08
Client ID: SP-J2-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:40
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	81		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	5.9		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-09
Client ID: SP-J3-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:45
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	82		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.9		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-10
Client ID: SP-J4-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:50
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	75		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.8		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-11
Client ID: SP-J5-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 11:55
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	79		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	6.7		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-12
Client ID: SP-J6-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 12:00
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	76		%	0.10	1	-	08/23/07 15:20	30,2540G	NM
pH	7.1		SU	-	1	-	08/23/07 18:10	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/28/07 18:45	1,7.3	TV



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

SAMPLE RESULTS

Lab ID: L0712125-13
Client ID: DUP-001-20070821-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/21/07 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	79		%	0.10	1	-	08/23/07 15:20	30,2540G	NM



Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

**Method Blank Analysis
Batch Quality Control**

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry for sample(s): 01-12 Batch: WG292164-1								
Sulfide, Reactive	ND	mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV
General Chemistry for sample(s): 01-12 Batch: WG292166-1								
Cyanide, Reactive	ND	mg/kg	10	1	-	08/28/07 18:45	1,7.3	TV

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Associated sample(s): 01-12 Batch: WG291710-1					
pH	100	-		-	
Associated sample(s): 01-12 Batch: WG292164-2					
Sulfide, Reactive	84	-	60-125	-	40
Associated sample(s): 01-12 Batch: WG292166-2					
Cyanide, Reactive	85	-	30-125	-	40

Lab Duplicate Analysis
Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-13 QC Batch ID: WG291630-1 QC Sample: L0712125-01 Client ID: SP-I1-20070821-01					
Solids, Total	76	76	%	0	20
Associated sample(s): 01-12 QC Batch ID: WG292164-3 QC Sample: L0712232-06 Client ID: DUP Sample					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
Associated sample(s): 01-12 QC Batch ID: WG292166-3 QC Sample: L0712232-06 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

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
L0712125-01A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-01B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-01C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-01D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-01E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-01F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-01G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-02A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-02B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-02C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-02D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-02E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-02F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-02G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-03A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-03B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-03C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-03D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-03E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-03F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-03G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-04A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-04B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-04C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-04D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-04E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-04F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-04G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-05A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS

Project Name: NA SOIL EXCAVATION

Lab Number: L0712125

Project Number: 0051545

Report Date: 08/29/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712125-05B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-05C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-05D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-05E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-05F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-05G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-06A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-06B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-06C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-06D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-06E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-06F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-06G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-07A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-07B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-07C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-07D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-07E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-07F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-07G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-08A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-08B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-08C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-08D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-08E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-08F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-08G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-09A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-09B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-09C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-09D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-09E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-09F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-09G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712125

Report Date: 08/29/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0712125-10A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-10B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-10C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-10D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-10E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-10F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-10G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-11A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-11B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-11C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260LW-04
L0712125-11D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-11E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-11F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-11G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-12A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-12B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-12C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-12D	Vial Large unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-12E	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-12F	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0712125-12G	Amber 250ml unpreserved	A	N/A	2.0C	Y	Absent	MCP
L0712125-13A	Plastic 120ml unpreserved	A	N/A	2.0C	Y	Absent	TS
L0712125-13B	Vial MeOH preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04
L0712125-13C	Vial water preserved	A	N/A	2.0C	Y	Absent	MCP-8260H-04

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712125
Report Date: 08/29/07

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: L0712125
Report Date: 08/29/07

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 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.





CHAIN OF CUSTODY

PAGE 1 OF 2

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

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-922-3288

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**

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: **8/29** Time:

Date Rec'd in Lab: **8/22**

Report Information - Data Deliverables

FAX EMAIL
 RADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MCP **S2 + GW-1**

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Billing Information

Same as Client Info PO #:

ALPHA Job #: **10712125**

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

12125-01	SP-I1-20070821-01	8/21/07	1105	S	HEA
	2 SP-I2-20070821-01		1110		
	3 SP-I3-20070821-01		1115		
	4 SP-I4-20070821-01		1120		
	5 SP-I5-20070821-01		1125		
	6 SP-I6-20070821-01		1130		
	7 SP-J1-20070821-01		1135		
	8 SP-J2-20070821-01		1140		
	9 SP-J3-20070821-01		1145		
	10 SP-J4-20070821-01		1150		

ANALYSIS	
TCLP VDA	✓
PUB'S TCLP SVOLs, Part #100	✓
pH react, flush	✓
TCLP As, Ba, Cd, Pb, Hg, etc	✓
VOLs - (High) B260	✓
VOLs - (Low) B260	✓
Total Solids	✓

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

PLEASE ANSWER QUESTIONS ABOVE!

Container Type	Date/Time
Preservative	8/22/07 11:20

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By: *[Signature]*

Date/Time: **8/22/07 11:20**

Received By: *[Signature]*

Date/Time: **8/22/07 11:20**

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



CHAIN OF CUSTODY

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 Boylston St. 6th Fl Boston, MA 02116**
Phone: **617-646-7800**
Fax: **617-267-6447**
Email: **jason.flattery@erm.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: **MA 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: **8/19** Time:

Date Rec'd in Lab: **8/22**

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

MCP

Criteria

S2 + 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 #: **60712125**

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

12125.11	SP-J5-20070821-01	8/21/07	1155	S	HEA
12	SP-J6-20070821-01	8/21/07	1200	S	HEA
13	DUR-001-20070821-01	8/21/07	2400	S	HEA

ANALYSIS	
TCLP VDA	1 1 1 1 1 1
Pb, Cr, Tur, S, V, Cd, Pet, Hex	1 1 1 1 1 1
pH, red-ox, flash	1 1 1 1 1 1
TCLP As, Ba, Cd, Pb, Hg, Se, Ag	1 1 1 1 1 1
VOCs (High) B260	1 1 1 1 1 1
VOCs (Low) B260	1 1 1 1 1 1
Total Solids	1 1 1 1 1 1

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

Sample Specific Comments

Container Type	Preservative	Date/Time		Received By:	Date/Time
		Date/Time	Signature		
A	A	8/22/07	10:18	John J. [Signature]	8/22/07
A	A	8/22/07	11:20	Jason Flattery	8/22/07

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

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

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com
MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England **Laboratory Job Number:** L0712074
Address: 399 Boylston Street
6th Floor **Date Received:** 21-AUG-2007
Boston, MA 02116 **Date Reported:** 31-AUG-2007
Attn: Mr. Jason Flattery **Delivery Method:** Alpha
Project Number: 0051545
Site: NA SOIL EXCAVATION

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0712074-01	SP-H1-20070820-01	RAYTHEON WAYLAND
L0712074-02	SP-H2-20070820-01	RAYTHEON WAYLAND
L0712074-03	SP-H3-20070820-01	RAYTHEON WAYLAND
L0712074-04	SP-H4-20070820-01	RAYTHEON WAYLAND

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

Authorized by: Michelle M. Morris
Technical Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0712074

Report Submission

This report replaces the report issued August 28, 2007. At the client's request, the report has been amended to include the results for TCLP Chromium on all samples.

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.

Metals

The WG291607 MS% recovery for TCLP Silver is below the acceptance criteria for the method. A post analytical spike was performed with an acceptable recovery of 97%.

TCLP Semi-Volatile Organics-ABN

The WG291779 MS/MSD RPD for Pyridine is above method acceptance criteria.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712074-01	Date Collected: 20-AUG-2007 14:00
SP-H1-20070820-01	Date Received : 21-AUG-2007
Sample Matrix: SOIL	Date Reported : 31-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial,1-sAmber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	76	%	0.10	30 2540G		0822 16:40 NM
pH	6.6	SU	-	1 9045C		0822 17:45 LR
Cyanide, Reactive	ND	mg/kg	10	1 7.3		0827 18:45 TV
Sulfide, Reactive	ND	mg/kg	10	1 7.3		0827 18:45 TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712074-01
 SP-H1-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0822 19:00	TH
Test Material Information							
Source of Material:				Unknown			
Description of Material:				Non-Metallic - Wet Soil			
Particle Size:				Medium			
Preliminary Burning Time (sec):				120			
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0823 11:00 0824 12:51	AI
Barium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 12:51	AI
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 12:51	AI
Chromium, TCLP	ND	mg/l	0.20	1 6010B		0823 11:00 0824 12:51	AI
Lead, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 12:51	AI
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0823 15:15 0824 10:38	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 12:51	AI
Silver, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 12:51	AI
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0822 16:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
2-Fluorophenol	57.0	%		21-120			
Phenol-d6	74.0	%		10-120			
Nitrobenzene-d5	72.0	%		23-120			
2-Fluorobiphenyl	53.0	%		43-120			
2,4,6-Tribromophenol	51.0	%		10-120			
4-Terphenyl-d14	80.0	%		33-120			
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0822 16:00	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712074-01
 SP-H1-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0824 15:00	0827 21:13 JB
TCLP Extraction				1	1311	0822 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	56.0	%	30-150				
Decachlorobiphenyl	57.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0824 09:45	0828 05:49 JB
TCLP Extraction				1	1311	0822 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	72.0	%					
TCLP PCBs by GC				1	8082	0827 09:50	0827 18:54 SS
TCLP Extraction				1	1311	0822 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	57.0	%	30-150				
Decachlorobiphenyl	73.0	%	30-150				
TCLP Volatile Organics				1	8260B		0828 00:11 PD
TCLP Extraction				1	1311	0822 15:01	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	6.5	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	64	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	101	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-01
SP-H1-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0828 00:11	PD
TCLP Extraction				1 1311		0822 15:01	
4-Bromofluorobenzene	111	%	70-130				
Dibromofluoromethane	102	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712074-02	Date Collected: 20-AUG-2007 14:05
SP-H2-20070820-01	Date Received : 21-AUG-2007
Sample Matrix: SOIL	Date Reported : 31-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial,1-sAmber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	76	%	0.10	30 2540G	0822 16:40	NM
pH	6.2	SU	-	1 9045C	0822 17:45	LR
Cyanide, Reactive	ND	mg/kg	10	1 7.3	0827 18:45	TV
Sulfide, Reactive	ND	mg/kg	10.	1 7.3	0827 18:45	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-02
SP-H2-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0822 19:00	TH
Test Material Information							
Source of Material:				Unknown			
Description of Material:				Non-Metallic - Wet Soil			
Particle Size:				Medium			
Preliminary Burning Time (sec):				120			
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0823 11:00 0824 13:10	AI
Barium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:10	AI
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:10	AI
Chromium, TCLP	ND	mg/l	0.20	1 6010B		0823 11:00 0824 13:10	AI
Lead, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:10	AI
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0823 15:15 0824 10:48	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:10	AI
Silver, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:10	AI
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0822 16:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	59.0	%					21-120
Phenol-d6	70.0	%					10-120
Nitrobenzene-d5	75.0	%					23-120
2-Fluorobiphenyl	61.0	%					43-120
2,4,6-Tribromophenol	61.0	%					10-120
4-Terphenyl-d14	79.0	%					33-120
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0822 16:00	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-02
SP-H2-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0824 15:00	0827 21:42 JB
TCLP Extraction				1	1311	0822 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	55.0	%	30-150				
Decachlorobiphenyl	51.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0824 09:45	0828 06:39 JB
TCLP Extraction				1	1311	0822 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	67.0	%					
TCLP PCBs by GC				1	8082	0827 09:50	0827 19:22 SS
TCLP Extraction				1	1311	0822 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	52.0	%	30-150				
Decachlorobiphenyl	73.0	%	30-150				
TCLP Volatile Organics				1	8260B		0828 00:47 PD
TCLP Extraction				1	1311	0822 15:01	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105	%	70-130				
Toluene-d8	102	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-02
SP-H2-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0828 00:47	PD
TCLP Extraction				1 1311		0822 15:01	
4-Bromofluorobenzene	109	%	70-130				
Dibromofluoromethane	99.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-03
SP-H3-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0822 19:00	TH
Test Material Information							
Source of Material:				Unknown			
Description of Material:				Non-Metallic - Wet Soil			
Particle Size:				Medium			
Preliminary Burning Time (sec):				120			
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0823 11:00 0824 13:14	AI
Barium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:14	AI
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:14	AI
Chromium, TCLP	ND	mg/l	0.20	1 6010B		0823 11:00 0824 13:14	AI
Lead, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:14	AI
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0823 15:15 0824 10:49	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:14	AI
Silver, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:14	AI
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0822 16:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery					QC Criteria	
2-Fluorophenol	58.0	%				21-120	
Phenol-d6	66.0	%				10-120	
Nitrobenzene-d5	74.0	%				23-120	
2-Fluorobiphenyl	57.0	%				43-120	
2,4,6-Tribromophenol	60.0	%				10-120	
4-Terphenyl-d14	84.0	%				33-120	
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0822 16:00	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0712074-03
 SP-H3-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0824 15:00	0827 22:11 JB
TCLP Extraction				1	1311	0822 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	41.0	%	30-150				
Decachlorobiphenyl	42.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0824 09:45	0828 07:28 JB
TCLP Extraction				1	1311	0822 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	53.0	%					
TCLP PCBs by GC				1	8082	0827 09:50	0827 19:51 SS
TCLP Extraction				1	1311	0822 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	64.0	%	30-150				
Decachlorobiphenyl	79.0	%	30-150				
TCLP Volatile Organics				1	8260B		0828 01:22 PD
TCLP Extraction				1	1311	0822 15:01	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	108	%	70-130				
Toluene-d8	103	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-03
SP-H3-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0828 01:22	PD
TCLP Extraction				1 1311		0822 15:01	
4-Bromofluorobenzene	111	%	70-130				
Dibromofluoromethane	99.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0712074-04 Date Collected: 20-AUG-2007 14:15
SP-H4-20070820-01 Date Received : 21-AUG-2007
Sample Matrix: SOIL Date Reported : 31-AUG-2007
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial,1-sAmber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	79	%	0.10	30 2540G		0822 16:40	NM
pH	5.9	SU	-	1 9045C		0822 17:45	LR
Cyanide, Reactive	ND	mg/kg	10	1 7.3		0827 18:45	TV
Sulfide, Reactive	ND	mg/kg	10.	1 7.3		0827 18:45	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-04
SP-H4-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0822 19:00	TH
Test Material Information							
Source of Material:				Unknown			
Description of Material:				Non-Metallic - Dry Clay			
Particle Size:				Medium			
Preliminary Burning Time (sec):				120			
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0823 11:00 0824 13:17	AI
Barium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:17	AI
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:17	AI
Chromium, TCLP	ND	mg/l	0.20	1 6010B		0823 11:00 0824 13:17	AI
Lead, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:17	AI
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0823 15:15 0824 10:51	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0823 11:00 0824 13:17	AI
Silver, TCLP	ND	mg/l	0.10	1 6010B		0823 11:00 0824 13:17	AI
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0822 16:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery					QC Criteria	
2-Fluorophenol	66.0	%				21-120	
Phenol-d6	75.0	%				10-120	
Nitrobenzene-d5	85.0	%				23-120	
2-Fluorobiphenyl	72.0	%				43-120	
2,4,6-Tribromophenol	66.0	%				10-120	
4-Terphenyl-d14	88.0	%				33-120	
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0822 16:00	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-04
SP-H4-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0824 15:00	0827 22:39 JB
TCLP Extraction				1	1311	0822 16:00	
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	51.0	%	30-150				
Decachlorobiphenyl	49.0	%	30-150				
TCLP Herbicides by GC				1	8151A(M)	0824 09:45	0828 08:17 JB
TCLP Extraction				1	1311	0822 16:00	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	54.0	%					
TCLP PCBs by GC				1	8082	0827 09:50	0827 20:19 SS
TCLP Extraction				1	1311	0822 16:00	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	67.0	%	30-150				
Decachlorobiphenyl	70.0	%	30-150				
TCLP Volatile Organics				1	8260B		0828 01:57 PD
TCLP Extraction				1	1311	0822 15:01	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	108	%	70-130				
Toluene-d8	103	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0712074-04
SP-H4-20070820-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Volatile Organics cont'd				1 8260B		0828 01:57	PD
TCLP Extraction				1 1311		0822 15:01	
4-Bromofluorobenzene	108	%	70-130				
Dibromofluoromethane	97.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS**

Laboratory Job Number: L0712074

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total for sample(s) 01-04 (L0712021-01, WG291487-1)					
Solids, Total	96	96	%	0	20
pH for sample(s) 01-04 (L0712052-04, WG291518-2)					
pH	6.2	6.2	SU	0	
Cyanide, Reactive for sample(s) 01-04 (L0712085-08, WG291989-3)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
Sulfide, Reactive for sample(s) 01-04 (L0712085-08, WG291990-3)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
TCLP Metals for sample(s) 01-04 (L0712074-01, WG291607-1)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals for sample(s) 01-04 (L0712074-01, WG291644-3)					
Mercury, TCLP	ND	ND	mg/l	NC	

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0712074

Parameter	% Recovery	QC Criteria
pH LCS for sample(s) 01-04 (WG291518-1)		
pH	100	
Cyanide, Reactive LCS for sample(s) 01-04 (WG291989-2)		
Cyanide, Reactive	82	30-125
Sulfide, Reactive LCS for sample(s) 01-04 (WG291990-2)		
Sulfide, Reactive	84	60-125
TCLP Metals LCS for sample(s) 01-04 (WG291607-4)		
Arsenic, TCLP	110	75-125
Barium, TCLP	100	75-125
Cadmium, TCLP	110	75-125
Chromium, TCLP	110	75-125
Lead, TCLP	100	75-125
Selenium, TCLP	110	75-125
Silver, TCLP	110	75-125
TCLP Metals LCS for sample(s) 01-04 (WG291644-1)		
Mercury, TCLP	106	
TCLP Semi-Volatile Organics LCS for sample(s) 01-04 (WG291779-2)		
Hexachlorobenzene	67	40-140
2,4-Dinitrotoluene	69	24-96
Hexachlorobutadiene	42	10-100
Hexachloroethane	39	13-82
Nitrobenzene	79	40-140
2,4,6-Trichlorophenol	66	30-130
Pentachlorophenol	64	9-103
2-Methylphenol	55	30-130
3-Methylphenol/4-Methylphenol	59	30-130
2,4,5-Trichlorophenol	64	30-130
Pyridine	59	
Surrogate(s)		
2-Fluorophenol	55	21-120
Phenol-d6	66	10-120
Nitrobenzene-d5	68	23-120
2-Fluorobiphenyl	67	43-120
2,4,6-Tribromophenol	62	10-120
4-Terphenyl-d14	81	33-120
TCLP Pesticides by GC LCS for sample(s) 01-04 (WG291799-2)		
Lindane	61	30-150
Heptachlor	53	30-150
Heptachlor epoxide	69	30-150
Endrin	107	30-150
Methoxychlor	90	30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0712074

Continued

Parameter	% Recovery	QC Criteria
TCLP Pesticides by GC LCS for sample(s) 01-04 (WG291799-2)		
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	30	30-150
Decachlorobiphenyl	57	30-150
TCLP Herbicides by GC LCS for sample(s) 01-04 (WG291778-2)		
2,4-D	92	
2,4,5-TP (Silvex)	40	
Surrogate(s)		
DCAA	52	
TCLP PCBs by GC LCS for sample(s) 01-04 (WG291951-2)		
Aroclor 1016	53	40-140
Aroclor 1260	95	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	48	30-150
Decachlorobiphenyl	80	30-150
TCLP Volatile Organics LCS for sample(s) 01-04 (WG288267-16)		
Chloroform	93	70-130
Carbon tetrachloride	88	70-130
Tetrachloroethene	98	70-130
Chlorobenzene	106	75-130
1,2-Dichloroethane	102	70-130
Benzene	98	76-127
Vinyl chloride	97	70-130
1,1-Dichloroethene	98	61-145
Trichloroethene	97	71-120
1,4-Dichlorobenzene	112	70-130
2-Butanone	123	70-130
Surrogate(s)		
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130
Dibromofluoromethane	90	70-130
TCLP Metals SPIKE for sample(s) 01-04 (L0712074-01, WG291607-2)		
Arsenic, TCLP	110	75-125
Barium, TCLP	98	75-125
Cadmium, TCLP	100	75-125
Chromium, TCLP	100	75-125
Lead, TCLP	100	75-125
Selenium, TCLP	110	75-125
Silver, TCLP	31	75-125

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0712074

Continued

Parameter	% Recovery	QC Criteria
TCLP Metals SPIKE for sample(s) 01-04 (L0712074-01, WG291644-2)		
Mercury, TCLP	122	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0712074

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Semi-Volatile Organics for sample(s) 01-04 (L0712074-01, WG291779-4)					
Hexachlorobenzene	70	68	3	30	40-140
2,4-Dinitrotoluene	74	68	8	30	24-96
Hexachlorobutadiene	44	36	20	30	10-100
Hexachloroethane	44	34	26	30	13-82
Nitrobenzene	80	78	3	30	40-140
2,4,6-Trichlorophenol	68	64	6	30	30-130
Pentachlorophenol	70	64	9	30	9-103
2-Methylphenol	62	58	7	30	30-130
3-Methylphenol/4-Methylphenol	66	65	2	30	30-130
2,4,5-Trichlorophenol	62	62	0	30	30-130
Pyridine	36	60	50	30	
Surrogate(s)					
2-Fluorophenol	58	57	2		21-120
Phenol-d6	68	68	0		10-120
Nitrobenzene-d5	72	72	0		23-120
2-Fluorobiphenyl	66	63	5		43-120
2,4,6-Tribromophenol	62	60	3		10-120
4-Terphenyl-d14	80	82	2		33-120
TCLP Pesticides by GC for sample(s) 01-04 (L0712074-01, WG291799-4)					
Lindane	62	64	3	30	30-150
Heptachlor	64	63	2	30	30-150
Heptachlor epoxide	68	70	3	30	30-150
Endrin	104	111	7	30	30-150
Methoxychlor	90	101	12	30	30-150
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	45	53	16		30-150
Decachlorobiphenyl	47	54	14		30-150
TCLP Herbicides by GC for sample(s) 01-04 (L0712074-01, WG291778-4)					
2,4-D	100	100	0		
2,4,5-TP (Silvex)	46	44	5		
Surrogate(s)					
DCAA	60	57	5		
TCLP PCBs by GC for sample(s) 01-04 (L0712074-01, WG291951-4)					
Aroclor 1016	69	63	9	30	40-140
Aroclor 1260	100	97	3	30	40-140
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	59	58	2		30-150
Decachlorobiphenyl	69	75	8		30-150

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0712074

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Volatile Organics for sample(s) 01-04 (L0710463-01, WG288267-2)					
Chloroform	99	91	8	20	70-130
Carbon tetrachloride	103	94	9	20	70-130
Tetrachloroethene	98	89	10	20	70-130
Chlorobenzene	93	86	8	20	75-130
1,2-Dichloroethane	105	100	5	20	70-130
Benzene	94	88	7	20	76-127
Vinyl chloride	89	81	9	20	70-130
1,1-Dichloroethene	92	85	8	20	61-145
Trichloroethene	91	85	7	20	71-120
1,4-Dichlorobenzene	92	86	7	20	70-130
2-Butanone	92	96	4	20	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	116	114	2		70-130
Toluene-d8	100	99	1		70-130
4-Bromofluorobenzene	100	98	2		70-130
Dibromofluoromethane	118	115	3		70-130

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS**

Laboratory Job Number: L0712074

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-04 (WG291989-1)							
Cyanide, Reactive	ND	mg/kg	10	1 7.3		0827 18:45	TV
Blank Analysis for sample(s) 01-04 (WG291990-1)							
Sulfide, Reactive	ND	mg/kg	10.	1 7.3		0827 18:45	TV
Blank Analysis for sample(s) 01-04 (WG291607-3)							
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0823 11:00	0824 12:42	AI
Barium, TCLP	ND	mg/l	0.50	1 6010B	0823 11:00	0824 12:42	AI
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0823 11:00	0824 12:42	AI
Chromium, TCLP	ND	mg/l	0.20	1 6010B	0823 11:00	0824 12:42	AI
Lead, TCLP	ND	mg/l	0.50	1 6010B	0823 11:00	0824 12:42	AI
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0823 11:00	0824 12:42	AI
Silver, TCLP	ND	mg/l	0.10	1 6010B	0823 11:00	0824 12:42	AI
Blank Analysis for sample(s) 01-04 (WG291644-4)							
TCLP Metals							
TCLP Extraction				1 1311		0822 16:00	
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0823 15:15	0824 10:35	DM
Blank Analysis for sample(s) 01-04 (WG291779-1)							
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0822 16:00	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
2-Fluorophenol	62.0	%		21-120			
Phenol-d6	72.0	%		10-120			
Nitrobenzene-d5	76.0	%		23-120			
2-Fluorobiphenyl	64.0	%		43-120			
2,4,6-Tribromophenol	64.0	%		10-120			
4-Terphenyl-d14	86.0	%		33-120			

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712074

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-04 (WG291799-1)							
TCLP Pesticides by GC				1 8082/8081	0824 15:00	0827 19:18	JB
TCLP Extraction				1 1311	0822 16:00		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	43.0	%	30-150				
Decachlorobiphenyl	53.0	%	30-150				
Blank Analysis for sample(s) 01-04 (WG291778-1)							
TCLP Herbicides by GC				1 8151A(M)	0824 09:45	0828 02:32	JB
TCLP Extraction				1 1311	0822 16:00		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery						QC Criteria
DCAA	56.0	%					
Blank Analysis for sample(s) 01-04 (WG291951-1)							
TCLP PCBs by GC				1 8082	0827 09:50	0827 16:59	SS
TCLP Extraction				1 1311	0822 16:00		
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	53.0	%	30-150				
Decachlorobiphenyl	76.0	%	30-150				
Blank Analysis for sample(s) 01-04 (WG288267-17)							
TCLP Volatile Organics				1 8260B		0827 23:36	PD
TCLP Extraction				1 1311	0822 15:01		
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0712074

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-04 (WG288267-17)							
TCLP Volatile Organics cont'd				1	8260B		0827 23:36 PD
TCLP Extraction				1	1311	0822 15:01	
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery						QC Criteria
1,2-Dichloroethane-d4	105	%					70-130
Toluene-d8	102	%					70-130
4-Bromofluorobenzene	111	%					70-130
Dibromofluoromethane	100	%					70-130

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. 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 Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. 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 Analytical, Inc.

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



CHAIN OF CUSTODY

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

RAYNHAM, MA
TEL: 508-822-9300
FAX: 508-822-9288

Client Information

Client: ERM - Boston
Address: 399 Baylston St. 6th Floor
Boston, MA 02116
Phone: 617 646 7800
Fax: 617 267 6447

Email: jason.flattery@erm.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: Paytheon-Wayland
Project #: 0051545
Project Manager: Jason Flattery
ALPHA Quote #: _____
Turn-Around Time _____

Standard RUSH (only confirmed if pre-approved)
3 days on non-peak days
Date Due: PER 30 DAY TURN
Time: _____

Date Rec'd in Lab: 8/21

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program _____ Criteria _____
MCP _____ SP + GW1
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 #: 10712074
10712052

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

12074	1 SP-H1-20070820-01	8/20/07	14:00	S	JDF
	2 SP-H2-20070820-01		14:05	S	
	3 SP-H3-20070820-01		14:10	S	
	4 SP-H4-20070820-01		14:15	S	
	5 DUP-001-20070820-01		24:00	S	

ANALYSIS

TCLP VDA
PCB, TCLP, vol, Pet, Hex
pH, react., flash
TCLP As, Ba, Cd, Pb, Hg, Ag
VOCs (High) @ 260
VOCs (Low) @ 260
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	Sample Specific Comments
A	A	8/21 10:45	JDF	8/21 16:45	
A	A	8/21 10:50	JDF	8/21 17:12	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

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

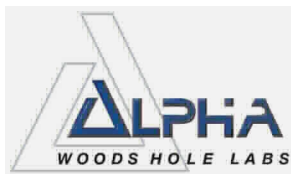
Relinquished By: [Signature]

Date/Time: 8/21 10:45

Received By: [Signature]

Date/Time: 8/21 16:45

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: L0712072

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: 08/24/07

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: L0712072
Report Date: 08/24/07

Alpha Sample ID	Client ID	Sample Location
L0712072-01	SP-H1-20070820-01	RAYTHEON WAYLAND
L0712072-02	SP-H2-20070820-01	RAYTHEON WAYLAND
L0712072-03	SP-H3-20070820-01	RAYTHEON WAYLAND
L0712072-04	SP-H4-20070820-01	RAYTHEON WAYLAND
L0712072-05	DUP-001-20070820-01	RAYTHEON WAYLAND

Project Name: NA SOIL EXCAVATION

Lab Number: L0712072

Project Number: 0051545

Report Date: 08/24/07

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: L0712072
Report Date: 08/24/07

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.

Report Submission

This report includes the results for Volatile Organics by MCP 8260B only, the results for all other analysis requested on the Chain of Custody will be reported under separate cover.

MCP Related Narratives

Volatile Organics

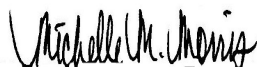
L0712072-01 through -05 were processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

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. All associated samples are non-detect for this compound.

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: 08/24/07

ORGANICS

VOLATILES

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-01
Client ID: SP-H1-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 00:18
Analyst: SE
Percent Solids: 76%

Date Collected: 08/20/07 14:00
Date Received: 08/21/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Methylene chloride	ND		ug/kg	840	1
1,1-Dichloroethane	ND		ug/kg	120	1
Chloroform	ND		ug/kg	120	1
Carbon tetrachloride	ND		ug/kg	84	1
1,2-Dichloropropane	ND		ug/kg	290	1
Dibromochloromethane	ND		ug/kg	84	1
1,1,2-Trichloroethane	ND		ug/kg	120	1
Tetrachloroethene	190		ug/kg	84	1
Chlorobenzene	ND		ug/kg	84	1
Trichlorofluoromethane	ND		ug/kg	420	1
1,2-Dichloroethane	ND		ug/kg	84	1
1,1,1-Trichloroethane	ND		ug/kg	84	1
Bromodichloromethane	ND		ug/kg	84	1
trans-1,3-Dichloropropene	ND		ug/kg	84	1
cis-1,3-Dichloropropene	ND		ug/kg	84	1
1,1-Dichloropropene	ND		ug/kg	420	1
Bromoform	ND		ug/kg	340	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	84	1
Benzene	ND		ug/kg	84	1
Toluene	ND		ug/kg	120	1
Ethylbenzene	ND		ug/kg	84	1
Chloromethane	ND		ug/kg	420	1
Bromomethane	ND		ug/kg	170	1
Vinyl chloride	ND		ug/kg	170	1
Chloroethane	ND		ug/kg	170	1
1,1-Dichloroethene	ND		ug/kg	84	1
trans-1,2-Dichloroethene	ND		ug/kg	120	1
Trichloroethene	1500		ug/kg	84	1
1,2-Dichlorobenzene	ND		ug/kg	420	1
1,3-Dichlorobenzene	ND		ug/kg	420	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-01
 Client ID: SP-H1-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:00
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
1,4-Dichlorobenzene	ND		ug/kg	420	1
Methyl tert butyl ether	ND		ug/kg	170	1
p/m-Xylene	ND		ug/kg	170	1
o-Xylene	ND		ug/kg	170	1
cis-1,2-Dichloroethene	160		ug/kg	84	1
Dibromomethane	ND		ug/kg	840	1
1,2,3-Trichloropropane	ND		ug/kg	840	1
Styrene	ND		ug/kg	170	1
Dichlorodifluoromethane	ND		ug/kg	840	1
Acetone	ND		ug/kg	840	1
Carbon disulfide	ND		ug/kg	4200	1
2-Butanone	ND		ug/kg	840	1
4-Methyl-2-pentanone	ND		ug/kg	840	1
2-Hexanone	ND		ug/kg	840	1
Bromochloromethane	ND		ug/kg	420	1
Tetrahydrofuran	ND		ug/kg	1700	1
2,2-Dichloropropane	ND		ug/kg	420	1
1,2-Dibromoethane	ND		ug/kg	340	1
1,3-Dichloropropane	ND		ug/kg	420	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	84	1
Bromobenzene	ND		ug/kg	420	1
n-Butylbenzene	ND		ug/kg	84	1
sec-Butylbenzene	ND		ug/kg	84	1
tert-Butylbenzene	ND		ug/kg	420	1
o-Chlorotoluene	ND		ug/kg	420	1
p-Chlorotoluene	ND		ug/kg	420	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	420	1
Hexachlorobutadiene	ND		ug/kg	420	1
Isopropylbenzene	ND		ug/kg	84	1
p-Isopropyltoluene	ND		ug/kg	84	1
Naphthalene	ND		ug/kg	420	1
n-Propylbenzene	ND		ug/kg	84	1
1,2,3-Trichlorobenzene	ND		ug/kg	420	1
1,2,4-Trichlorobenzene	ND		ug/kg	420	1
1,3,5-Trimethylbenzene	ND		ug/kg	420	1
1,2,4-Trimethylbenzene	ND		ug/kg	420	1
Ethyl ether	ND		ug/kg	420	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-01

Date Collected: 08/20/07 14:00

Client ID: SP-H1-20070820-01

Date Received: 08/21/07

Sample Location: RAYTHEON WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-High					
Isopropyl Ether	ND		ug/kg	340	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	340	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	340	1
1,4-Dioxane	ND		ug/kg	42000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-02
Client ID: SP-H2-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/24/07 00:53
Analyst: SE
Percent Solids: 76%

Date Collected: 08/20/07 14:05
Date Received: 08/21/07
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	1.9	1
Chloroform	ND		ug/kg	1.9	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
1,1,1-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	210		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.2	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	6.2	1
Bromoform	ND		ug/kg	5.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	6.2	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	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	250		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712072

Project Number: 0051545

Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-02
 Client ID: SP-H2-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:05
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.2	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	41		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	62	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	6.2	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.2	1
1,2-Dibromoethane	ND		ug/kg	5.0	1
1,3-Dichloropropane	ND		ug/kg	6.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.2	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.2	1
o-Chlorotoluene	ND		ug/kg	6.2	1
p-Chlorotoluene	ND		ug/kg	6.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	1
Hexachlorobutadiene	ND		ug/kg	6.2	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	1
Ethyl ether	ND		ug/kg	6.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-02
 Client ID: SP-H2-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:05
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.0	1
1,4-Dioxane	ND		ug/kg	620	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-03
Client ID: SP-H3-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 16:43
Analyst: SE
Percent Solids: 77%

Date Collected: 08/20/07 14:10
Date Received: 08/21/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	8.5	1
1,1-Dichloroethane	ND		ug/kg	1.3	1
Chloroform	ND		ug/kg	1.3	1
Carbon tetrachloride	ND		ug/kg	0.85	1
1,2-Dichloropropane	ND		ug/kg	3.0	1
Dibromochloromethane	ND		ug/kg	0.85	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	1
Tetrachloroethene	7.5		ug/kg	0.85	1
Chlorobenzene	ND		ug/kg	0.85	1
Trichlorofluoromethane	ND		ug/kg	4.3	1
1,2-Dichloroethane	ND		ug/kg	0.85	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	1
Bromodichloromethane	ND		ug/kg	0.85	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	1
1,1-Dichloropropene	ND		ug/kg	4.3	1
Bromoform	ND		ug/kg	3.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	1
Benzene	ND		ug/kg	0.85	1
Toluene	ND		ug/kg	1.3	1
Ethylbenzene	ND		ug/kg	0.85	1
Chloromethane	ND		ug/kg	4.3	1
Bromomethane	ND		ug/kg	1.7	1
Vinyl chloride	ND		ug/kg	1.7	1
Chloroethane	ND		ug/kg	1.7	1
1,1-Dichloroethene	ND		ug/kg	0.85	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	1
Trichloroethene	66		ug/kg	0.85	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712072

Project Number: 0051545

Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-03
 Client ID: SP-H3-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:10
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.3	1
Methyl tert butyl ether	ND		ug/kg	1.7	1
p/m-Xylene	ND		ug/kg	1.7	1
o-Xylene	ND		ug/kg	1.7	1
cis-1,2-Dichloroethene	8.9		ug/kg	0.85	1
Dibromomethane	ND		ug/kg	8.5	1
1,2,3-Trichloropropane	ND		ug/kg	8.5	1
Styrene	ND		ug/kg	1.7	1
Dichlorodifluoromethane	ND		ug/kg	8.5	1
Acetone	ND		ug/kg	8.5	1
Carbon disulfide	ND		ug/kg	43	1
2-Butanone	ND		ug/kg	8.5	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1
2-Hexanone	ND		ug/kg	8.5	1
Bromochloromethane	ND		ug/kg	4.3	1
Tetrahydrofuran	ND		ug/kg	17	1
2,2-Dichloropropane	ND		ug/kg	4.3	1
1,2-Dibromoethane	ND		ug/kg	3.4	1
1,3-Dichloropropane	ND		ug/kg	4.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.85	1
Bromobenzene	ND		ug/kg	4.3	1
n-Butylbenzene	ND		ug/kg	0.85	1
sec-Butylbenzene	ND		ug/kg	0.85	1
tert-Butylbenzene	ND		ug/kg	4.3	1
o-Chlorotoluene	ND		ug/kg	4.3	1
p-Chlorotoluene	ND		ug/kg	4.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1
Hexachlorobutadiene	ND		ug/kg	4.3	1
Isopropylbenzene	ND		ug/kg	0.85	1
p-Isopropyltoluene	ND		ug/kg	0.85	1
Naphthalene	ND		ug/kg	4.3	1
n-Propylbenzene	ND		ug/kg	0.85	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.3	1
Ethyl ether	ND		ug/kg	4.3	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-03
 Client ID: SP-H3-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:10
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.4	1
1,4-Dioxane	ND		ug/kg	430	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-04
Client ID: SP-H4-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 17:18
Analyst: SE
Percent Solids: 79%

Date Collected: 08/20/07 14:15
Date Received: 08/21/07
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
1,1,2-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	3.3		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	17		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:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-04
 Client ID: SP-H4-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:15
 Date Received: 08/21/07
 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	2.1		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	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:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-04
 Client ID: SP-H4-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 14:15
 Date Received: 08/21/07
 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	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-05
Client ID: DUP-001-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/23/07 17:53
Analyst: SE
Percent Solids: 73%

Date Collected: 08/20/07 00:00
Date Received: 08/21/07
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	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.4	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	75		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.2	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	6.2	1
Bromoform	ND		ug/kg	5.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	6.2	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	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	230		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	1

Project Name: NA SOIL EXCAVATION

Lab Number: L0712072

Project Number: 0051545

Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-05
 Client ID: DUP-001-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 00:00
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.2	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	33		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	31		ug/kg	12	1
Carbon disulfide	ND		ug/kg	62	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	6.2	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.2	1
1,2-Dibromoethane	ND		ug/kg	5.0	1
1,3-Dichloropropane	ND		ug/kg	6.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.2	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.2	1
o-Chlorotoluene	ND		ug/kg	6.2	1
p-Chlorotoluene	ND		ug/kg	6.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	1
Hexachlorobutadiene	ND		ug/kg	6.2	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	1
Ethyl ether	ND		ug/kg	6.2	1

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**SAMPLE RESULTS**

Lab ID: L0712072-05
 Client ID: DUP-001-20070820-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/20/07 00:00
 Date Received: 08/21/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.0	1
1,4-Dioxane	ND		ug/kg	620	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

**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): 02-05 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: L0712072
Report Date: 08/24/07

**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): 02-05 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: L0712072
Report Date: 08/24/07

**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): 02-05 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: L0712072
Report Date: 08/24/07

**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): 01 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: L0712072
Report Date: 08/24/07

**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): 01 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: L0712072
Report Date: 08/24/07

**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): 01 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-05 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-05 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-05 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: L0712072
Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-05 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01 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: L0712072

Report Date: 08/24/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-High Associated sample(s): 01 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

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-01
Client ID: SP-H1-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 14:00
Date Received: 08/21/07
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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-02
Client ID: SP-H2-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 14:05
Date Received: 08/21/07
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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-03
Client ID: SP-H3-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 14:10
Date Received: 08/21/07
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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-04
Client ID: SP-H4-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 14:15
Date Received: 08/21/07
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	-	08/22/07 16:40	30,2540G	NM



Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

SAMPLE RESULTS

Lab ID: L0712072-05
Client ID: DUP-001-20070820-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 08/20/07 00:00
Date Received: 08/21/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	73		%	0.10	1	-	08/22/07 16:40	30,2540G	NM



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL EXCAVATION

Project Number: 0051545

Lab Number: L0712072

Report Date: 08/24/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-05 QC Batch ID: WG291487-1 QC Sample: L0712021-01 Client ID: DUP Sample					
Solids, Total	96	96	%	0	20

Project Name: NA SOIL EXCAVATION**Lab Number:** L0712072**Project Number:** 0051545**Report Date:** 08/24/07**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
L0712072-01A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712072-01B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260H-04
L0712072-01C	Plastic 120ml unpreserved	A	N/A	2C	Y	Absent	TS
L0712072-02A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-02B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-02C	Plastic 120ml unpreserved	A	N/A	2C	Y	Absent	TS
L0712072-03A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-03B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-03C	Plastic 120ml unpreserved	A	N/A	2C	Y	Absent	TS
L0712072-04A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-04B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-04C	Plastic 120ml unpreserved	A	N/A	2C	Y	Absent	TS
L0712072-05A	Vial MeOH preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-05B	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0712072-05C	Plastic 120ml unpreserved	A	N/A	2C	Y	Absent	TS

Container Comments

L0712072-01A	Temp Probe
L0712072-01B	Temp Probe
L0712072-01C	Temp Probe
L0712072-02A	Temp Probe
L0712072-02B	Temp Probe
L0712072-02C	Temp Probe
L0712072-03A	Temp Probe
L0712072-03B	Temp Probe
L0712072-03C	Temp Probe
L0712072-04A	Temp Probe
L0712072-04B	Temp Probe

Project Name: NA SOIL EXCAVATION**Project Number:** 0051545**Lab Number:** L0712072**Report Date:** 08/24/07**Container Information**

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

Container Comments

L0712072-04C Temp Probe

L0712072-05A Temp Probe

L0712072-05B Temp Probe

L0712072-05C Temp Probe

Project Name: NA SOIL EXCAVATION
Project Number: 0051545

Lab Number: L0712072
Report Date: 08/24/07

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: L0712072
Report Date: 08/24/07

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-III A (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.





CHAIN OF CUSTODY

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 Floor
Boston, MA 02116
Phone: 617 646 7800
Fax: 617 267 6447
Email: Jason.Flattery@erm.com

Project Information

Project Name: NA Soil Excavation
Project Location: Raytheon-Wayland
Project #: 0051545
Project Manager: Jason Flattery
ALPHA Quote #:
Turn-Around Time

Standard
Date Due: PER 30 Calendar
Time: 3 days on non-holiday
RUSH (only confirmed if pre-approved)

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments/Detection Limits:

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

12072	SP-H1-20070820-01	8/20/07	14:00	S	JDF
2	SP-H2-20070820-01	14:05	14:05	S	
3	SP-H3-20070820-01	14:10	14:10	S	
4	SP-H4-20070820-01	14:15	14:15	S	
5	DUP-001-20070820-01	24:00	24:00	S	

Date Rec'd in Lab: 8/21
Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables
Regulatory Requirements/Report Limits

Billing Information
 Assume as Client info
PO #:

State/Fed Program: MCP Criteria: SP2 + GW1
MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS	
TCLP VDA	1
PCBs, TCLP vol, Pet, Hex	1
pH, react, flash	1
TCLP As, Ba, Cd, Pb, Hg, Pb	1
VOCs (High) @ 260	1
VOCs (Low) @ 260	1
Total Solids	1

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	Sample Specific Comments
A	A	8/16/07 10:45	Jason Flattery	8/21 16:45	
A	A	8/16/07 10:50	Jason Flattery	8/21 17:20	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

FORM NO: 01-01 (rev. 10-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.

ALPHA Job #: 6712072
12072052

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England **Laboratory Job Number:** L0711774
Address: 399 Boylston Street
6th Floor **Date Received:** 15-AUG-2007
Boston, MA 02116 **Date Reported:** 22-AUG-2007
Attn: Mr. Jason Flattery **Delivery Method:** Alpha
Project Number: 0051545
Site: NA EXCAVATION

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0711774-01	SP-F1-20070815-01	RAYTHEON WAYLAND
L0711774-02	SP-F2-20070815-01	RAYTHEON WAYLAND
L0711774-03	SP-F3-20070815-01	RAYTHEON WAYLAND
L0711774-04	SP-F4-20070815-01	RAYTHEON WAYLAND
L0711774-05	SP-F5-20070815-01	RAYTHEON WAYLAND
L0711774-06	SP-F6-20070815-01	RAYTHEON WAYLAND

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

Authorized by: Michelle M. Morris
Technical Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0711774

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.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711774-01	Date Collected: 15-AUG-2007 08:30
SP-F1-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 22-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID	
TCLP Herbicides by GC				1	8151A(M)	0816 17:00 0821 14:35	JB
TCLP Extraction				1	1311	0815 21:30	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	30.0	%					
TCLP Volatile Organics				1	8260B	0822 00:04	PD
TCLP Extraction				1	1311	0816 15:10	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	8.5	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	45	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107	%	70-130				
Toluene-d8	101	%	70-130				
4-Bromofluorobenzene	106	%	70-130				
Dibromofluoromethane	104	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0711774-02	Date Collected:	15-AUG-2007 08:35
	SP-F2-20070815-01	Date Received :	15-AUG-2007
Sample Matrix:	SOIL	Date Reported :	22-AUG-2007
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	1-Amber,1-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Herbicides by GC				1	8151A(M)	0816 17:00 0821 15:24 JB
TCLP Extraction				1	1311	0815 21:30
2,4-D	ND	mg/l	0.03			
2,4,5-TP (Silvex)	ND	mg/l	0.003			
Surrogate(s)	Recovery		QC Criteria			
DCAA	59.0	%				
TCLP Volatile Organics				1	8260B	0822 00:41 PD
TCLP Extraction				1	1311	0816 15:10
Chloroform	ND	ug/l	7.5			
Carbon tetrachloride	ND	ug/l	5.0			
Tetrachloroethene	6.2	ug/l	5.0			
Chlorobenzene	ND	ug/l	5.0			
1,2-Dichloroethane	ND	ug/l	5.0			
Benzene	ND	ug/l	5.0			
Vinyl chloride	ND	ug/l	10.			
1,1-Dichloroethene	ND	ug/l	5.0			
Trichloroethene	31	ug/l	5.0			
1,4-Dichlorobenzene	ND	ug/l	25.			
2-Butanone	ND	ug/l	50.			
Surrogate(s)	Recovery		QC Criteria			
1,2-Dichloroethane-d4	108	%	70-130			
Toluene-d8	100	%	70-130			
4-Bromofluorobenzene	107	%	70-130			
Dibromofluoromethane	105	%	70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711774-03	Date Collected: 15-AUG-2007 08:40
SP-F3-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 22-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID	
TCLP Herbicides by GC				1	8151A(M)	0816 17:00 0821 16:13	JB
TCLP Extraction				1	1311	0815 21:30	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery			QC Criteria			
DCAA	30.0	%					
TCLP Volatile Organics				1	8260B	0822 01:17	PD
TCLP Extraction				1	1311	0816 15:10	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	5.7	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	31	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	110	%	70-130				
Toluene-d8	101	%	70-130				
4-Bromofluorobenzene	107	%	70-130				
Dibromofluoromethane	107	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711774-04	Date Collected: 15-AUG-2007 08:45
SP-F4-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 22-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 1-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
TCLP Herbicides by GC				1	8151A(M)	0816 17:00 0821 17:03 JB
TCLP Extraction				1	1311	0815 21:30
2,4-D	ND	mg/l	0.03			
2,4,5-TP (Silvex)	ND	mg/l	0.003			
Surrogate(s)	Recovery		QC Criteria			
DCAA	78.0	%				
TCLP Volatile Organics				1	8260B	0822 01:53 PD
TCLP Extraction				1	1311	0816 15:10
Chloroform	ND	ug/l	7.5			
Carbon tetrachloride	ND	ug/l	5.0			
Tetrachloroethene	ND	ug/l	5.0			
Chlorobenzene	ND	ug/l	5.0			
1,2-Dichloroethane	ND	ug/l	5.0			
Benzene	ND	ug/l	5.0			
Vinyl chloride	ND	ug/l	10.			
1,1-Dichloroethene	ND	ug/l	5.0			
Trichloroethene	ND	ug/l	5.0			
1,4-Dichlorobenzene	ND	ug/l	25.			
2-Butanone	ND	ug/l	50.			
Surrogate(s)	Recovery		QC Criteria			
1,2-Dichloroethane-d4	108	%	70-130			
Toluene-d8	100	%	70-130			
4-Bromofluorobenzene	110	%	70-130			
Dibromofluoromethane	106	%	70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711774-05 Date Collected: 15-AUG-2007 08:50
 SP-F5-20070815-01 Date Received : 15-AUG-2007
 Sample Matrix: SOIL Date Reported : 22-AUG-2007
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Herbicides by GC				1 8151A(M)	0816 17:00	0821 17:52	JB
TCLP Extraction				1 1311	0815 21:30		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery			QC Criteria			
DCAA	47.0	%					
TCLP Volatile Organics				1 8260B		0822 02:29	PD
TCLP Extraction				1 1311	0816 15:10		
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%	70-130				
Toluene-d8	101	%	70-130				
4-Bromofluorobenzene	110	%	70-130				
Dibromofluoromethane	103	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711774-06 **Date Collected:** 15-AUG-2007 08:55
Date Received : 15-AUG-2007
Sample Matrix: SP-F6-20070815-01 **Date Reported :** 22-AUG-2007
 SOIL
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Herbicides by GC				1 8151A(M)	0816 17:00	0821 18:41	JB
TCLP Extraction				1 1311	0815 21:30		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery			QC Criteria			
DCAA	34.0	%					
TCLP Volatile Organics				1 8260B		0822 03:05	PD
TCLP Extraction				1 1311	0816 15:10		
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%	70-130				
Toluene-d8	100	%	70-130				
4-Bromofluorobenzene	110	%	70-130				
Dibromofluoromethane	105	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0711774

Parameter	% Recovery	QC Criteria
TCLP Herbicides by GC LCS for sample(s) 01-06 (WG290900-2)		
2,4-D	88	
2,4,5-TP (Silvex)	34	
Surrogate(s)		
DCAA	44	
TCLP Volatile Organics LCS for sample(s) 01-06 (WG288267-12)		
Chloroform	101	70-130
Carbon tetrachloride	100	70-130
Tetrachloroethene	108	70-130
Chlorobenzene	108	75-130
1,2-Dichloroethane	107	70-130
Benzene	106	76-127
Vinyl chloride	112	70-130
1,1-Dichloroethene	110	61-145
Trichloroethene	101	71-120
1,4-Dichlorobenzene	109	70-130
2-Butanone	116	70-130
Surrogate(s)		
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130
Dibromofluoromethane	104	70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0711774

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Herbicides by GC for sample(s) 01-06 (L0711774-01, WG290900-4)					
2,4-D	68	98	36		
2,4,5-TP (Silvex)	24	38	46		
Surrogate(s)					
DCAA	30	50	50		
TCLP Volatile Organics for sample(s) 01-06 (L0710463-01, WG288267-2)					
Chloroform	99	91	8	20	70-130
Carbon tetrachloride	103	94	9	20	70-130
Tetrachloroethene	98	89	10	20	70-130
Chlorobenzene	93	86	8	20	75-130
1,2-Dichloroethane	105	100	5	20	70-130
Benzene	94	88	7	20	76-127
Vinyl chloride	89	81	9	20	70-130
1,1-Dichloroethene	92	85	8	20	61-145
Trichloroethene	91	85	7	20	71-120
1,4-Dichlorobenzene	92	86	7	20	70-130
2-Butanone	92	96	4	20	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	116	114	2		70-130
Toluene-d8	100	99	1		70-130
4-Bromofluorobenzene	100	98	2		70-130
Dibromofluoromethane	118	115	3		70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0711774

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-06 (WG290900-1)							
TCLP Herbicides by GC				1	8151A(M)	0816 17:00	0821 11:18 JB
TCLP Extraction				1	1311	0815 21:30	
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery						QC Criteria
DCAA	74.0	%					
Blank Analysis for sample(s) 01-06 (WG288267-13)							
TCLP Volatile Organics				1	8260B		0821 23:28 PD
TCLP Extraction				1	1311	0816 15:10	
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
Tetrachloroethene	ND	ug/l	5.0				
Chlorobenzene	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	10.				
1,1-Dichloroethene	ND	ug/l	5.0				
Trichloroethene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	25.				
2-Butanone	ND	ug/l	50.				
Surrogate(s)	Recovery						QC Criteria
1,2-Dichloroethane-d4	105	%	70-130				
Toluene-d8	100	%	70-130				
4-Bromofluorobenzene	108	%	70-130				
Dibromofluoromethane	105	%	70-130				

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. 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 Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. 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 Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times 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: 508-822-3300 FAX: 508-822-3288

Client Information

Client: ERM - BOSTON

Address: 399 BOSTON ST 6TH FLOOR BOSTON MA 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: jason.fattery@erm.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA EXCAVATION

Project Location: RAYTHEON - WAYLAND

Project #: 00515415

Project Manager: JASON FATTERY

ALPHA Quote #:

Turnaround Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 8/28/07 Time:

Date Rec'd in Lab: 8/19/07

Report Information - Data Deliverables

FAX EMAIL

ADDEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program MCP

MCP

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

ALPHA Job #: L0711774

Billing Information

Same as Client info PO #:

Are MCP Analytical Methods Required? Yes No

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

ANALYSIS
TCLP VOA
TCLP PCBs, SVOCs
PESTICIDE, HERB.
PH, REACT, FLASHPOINT
TCLP AS, BA, Cd, Pb, Hg, Se, Ni

SAMPLE HANDLING
Filtration Done Not needed
Lab to do Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				SAMPLE HANDLING										
		Date	Time			TCLP VOA	TCLP PCBs, SVOCs	PESTICIDE, HERB.	PH, REACT, FLASHPOINT	TCLP AS, BA, Cd, Pb, Hg, Se, Ni	Filtration	Lab to do	Lab to do	Lab to do						
11774	1	8/15/07	0830	S	JDF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	SP-F1-20070815-01		0835			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	SP-F2-20070815-01		0840			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	SP-F4-20070815-01		0845			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	SP-F5-20070815-01		0850			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	SP-F6-20070815-01		0855			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type	A	A	A	A
Preservative	Mys. Mys.	Mys. Mys.	Mys. Mys.	Mys. Mys.

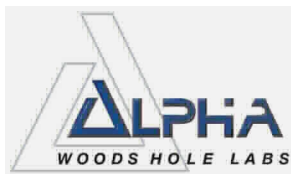
Submittal By:

Date/Time

Received By:

Date/Time

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:	L0711773
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jason Flattery
Project Name:	NA EXCAVATION
Project Number:	0051545
Report Date:	08/22/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

Alpha Sample ID	Client ID	Sample Location
L0711773-01	SP-G1-20070815-01	RAYTHEON WAYLAND
L0711773-02	SP-G2-20070815-01	RAYTHEON WAYLAND



Project Name: NA EXCAVATION

Lab Number: L0711773

Project Number: 0051545

Report Date: 08/22/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

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

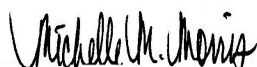
L0711773-01 and -02 were processed against a calibration curve that utilized a quadratic fit for 2,2-Dichloropropane.

In reference to question E:

The WG291182-7/8 LCS/LCSD % recoveries for 2,2-Dichloropropane, a difficult analyte, are below individual acceptance criteria for the compound. The LCSD % recovery for Trichlorofluoromethane is above the individual acceptance criteria for the compound, but within the overall method allowances. All associated samples are non-detect for Trichlorofluoromethane.

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: 08/22/07

ORGANICS

VOLATILES

Project Name: NA EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-01
Client ID: SP-G1-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/21/07 23:27
Analyst: GK
Percent Solids: 88%

Date Collected: 08/15/07 14:00
Date Received: 08/15/07
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
1,1,2-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	5.2	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	4.1	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	5.2	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	1.5	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 EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-01
 Client ID: SP-G1-20070815-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/15/07 14:00
 Date Received: 08/15/07
 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	4.1	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 EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-01

Date Collected: 08/15/07 14:00

Client ID: SP-G1-20070815-01

Date Received: 08/15/07

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	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	95		70-130

Project Name: NA EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-02
Client ID: SP-G2-20070815-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/22/07 00:01
Analyst: GK
Percent Solids: 89%

Date Collected: 08/15/07 14:05
Date Received: 08/15/07
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
1,1,1-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
1,1,1,2-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	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 EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-02
 Client ID: SP-G2-20070815-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/15/07 14:05
 Date Received: 08/15/07
 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	2.0		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 EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-02
 Client ID: SP-G2-20070815-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 08/15/07 14:05
 Date Received: 08/15/07
 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	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	100		70-130

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/21/07 17:04
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG291182-9				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/21/07 17:04
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG291182-9				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 08/21/07 17:04
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-02 Batch: WG291182-9				
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	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0711773

Report Date: 08/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG291182-7 WG291182-8					
Methylene chloride	84	80	70-130	5	25
1,1-Dichloroethane	108	105	70-130	3	25
Chloroform	113	111	70-130	2	25
Carbon tetrachloride	113	111	70-130	2	25
1,2-Dichloropropane	104	100	70-130	4	25
Dibromochloromethane	107	106	70-130	1	25
1,1,2-Trichloroethane	106	106	70-130	0	25
Tetrachloroethene	99	95	70-130	4	25
Chlorobenzene	99	95	70-130	4	25
Trichlorofluoromethane	129	131	70-130	2	25
1,2-Dichloroethane	126	126	70-130	0	25
1,1,1-Trichloroethane	116	112	70-130	4	25
Bromodichloromethane	118	116	70-130	2	25
trans-1,3-Dichloropropene	98	95	70-130	3	25
cis-1,3-Dichloropropene	95	90	70-130	5	25
1,1-Dichloropropene	103	99	70-130	4	25
Bromoform	104	100	70-130	4	50
1,1,2,2-Tetrachloroethane	100	100	70-130	0	25
Benzene	100	97	70-130	3	25
Toluene	95	100	70-130	5	25
Ethylbenzene	104	102	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0711773

Report Date: 08/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG291182-7 WG291182-8					
Chloromethane	113	108	70-130	5	50
Bromomethane	125	127	70-130	2	50
Vinyl chloride	120	122	70-130	2	25
Chloroethane	129	124	70-130	4	25
1,1-Dichloroethene	103	99	70-130	4	25
trans-1,2-Dichloroethene	102	100	70-130	2	25
Trichloroethene	104	101	70-130	3	25
1,2-Dichlorobenzene	101	97	70-130	4	25
1,3-Dichlorobenzene	99	97	70-130	2	25
1,4-Dichlorobenzene	97	95	70-130	2	25
Methyl tert butyl ether	97	96	70-130	1	25
p/m-Xylene	100	97	70-130	3	25
o-Xylene	102	99	70-130	3	25
cis-1,2-Dichloroethene	106	101	70-130	5	25
Dibromomethane	119	117	70-130	2	25
1,2,3-Trichloropropane	116	115	70-130	1	25
Styrene	101	99	70-130	2	25
Dichlorodifluoromethane	110	110	70-130	0	50
Acetone	98	112	70-130	13	50
Carbon disulfide	74	72	70-130	3	25
2-Butanone	93	92	70-130	1	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0711773

Report Date: 08/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG291182-7 WG291182-8					
4-Methyl-2-pentanone	97	100	70-130	3	50
2-Hexanone	96	102	70-130	6	50
Bromochloromethane	106	102	70-130	4	25
Tetrahydrofuran	92	96	70-130	4	25
2,2-Dichloropropane	69	64	70-130	8	50
1,2-Dibromoethane	111	110	70-130	1	25
1,3-Dichloropropane	110	107	70-130	3	25
1,1,1,2-Tetrachloroethane	111	109	70-130	2	25
Bromobenzene	103	97	70-130	6	25
n-Butylbenzene	78	78	70-130	0	25
sec-Butylbenzene	99	97	70-130	2	25
tert-Butylbenzene	101	98	70-130	3	25
o-Chlorotoluene	105	102	70-130	3	25
p-Chlorotoluene	104	101	70-130	3	25
1,2-Dibromo-3-chloropropane	104	103	70-130	1	50
Hexachlorobutadiene	93	89	70-130	4	25
Isopropylbenzene	108	105	70-130	3	25
p-Isopropyltoluene	103	102	70-130	1	25
Naphthalene	97	94	70-130	3	25
n-Propylbenzene	101	98	70-130	3	25
1,2,3-Trichlorobenzene	100	92	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0711773

Report Date: 08/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-02 Batch: WG291182-7 WG291182-8					
1,2,4-Trichlorobenzene	95	90	70-130	5	25
1,3,5-Trimethylbenzene	101	97	70-130	4	25
1,2,4-Trimethylbenzene	104	101	70-130	3	25
Ethyl ether	122	123	70-130	1	25
Isopropyl Ether	108	104	70-130	4	25
Ethyl-Tert-Butyl-Ether	99	98	70-130	1	25
Tertiary-Amyl Methyl Ether	100	101	70-130	1	25
1,4-Dioxane	97	103	70-130	6	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113	117	70-130
Toluene-d8	99	97	70-130
4-Bromofluorobenzene	103	99	70-130
Dibromofluoromethane	108	105	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-01
 Client ID: SP-G1-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 14:00
 Date Received: 08/15/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	88		%	0.10	1	-	08/16/07 11:52	30,2540G	SD



Project Name: NA EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**SAMPLE RESULTS**

Lab ID: L0711773-02
 Client ID: SP-G2-20070815-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 08/15/07 14:05
 Date Received: 08/15/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	89		%	0.10	1	-	08/16/07 11:52	30,2540G	SD



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0711773

Report Date: 08/22/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-02 QC Batch ID: WG290820-1 QC Sample: L0711663-02 Client ID: DUP Sample					
Solids, Total	93	92	%	1	20

Project Name: NA EXCAVATION**Lab Number:** L0711773**Project Number:** 0051545**Report Date:** 08/22/07**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
L0711773-01A	Vial MeOH preserved	A	N/A	5C	Y	Absent	MCP-8260LW-04
L0711773-01B	Vial water preserved	A	N/A	5C	Y	Absent	MCP-8260LW-04
L0711773-01D	Plastic 2oz unpreserved for TS	A	N/A	5C	Y	Absent	TS
L0711773-02A	Vial MeOH preserved	A	N/A	5C	Y	Absent	MCP-8260LW-04
L0711773-02B	Vial water preserved	A	N/A	5C	Y	Absent	MCP-8260LW-04
L0711773-02D	Plastic 2oz unpreserved for TS	A	N/A	5C	Y	Absent	TS

Container Comments

L0711773-01A	Temp probe
L0711773-01B	Temp probe
L0711773-01D	Temp probe
L0711773-02A	Temp probe
L0711773-02B	Temp probe
L0711773-02D	Temp probe

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0711773
Report Date: 08/22/07

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: 508-822-3298

CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: NASD Excavation

Project Location: Raytheon Wayland

Project #: OD 51545

Project Manager: Jason Flattery

ALPHA Quote #:

Turn-Around Time

Standard 8/22 Time: 8/22

Date Due: 8/22

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: 8/15

ALPHA Job #: 20711773

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program: MCP Criteria: 92/GW1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

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

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	Date/Time	Received By:	Date/Time
		Date	Time						
1779-01	SP-G1-20070815-01	8/15/07	14:00	S	GM	P	8/15/07 15:30	Jason Flattery	8/15/07 15:30
V-02	SP-G12-20070815-01	8/15/07	14:05	S	GM	V	8/15/07 16:15	Jason Flattery	8/15/07 16:15
(Diagonal line through table)									

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

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

Relinquished By: Jason Flattery

Container Type	P	V	V
Preservative	None	H ₂ O	F

Received By: Jason Flattery Date/Time: 8/15/07 15:30

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.

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England **Laboratory Job Number:** L0711772
Address: 399 Boylston Street
6th Floor **Date Received:** 15-AUG-2007
Boston, MA 02116 **Date Reported:** 21-AUG-2007
Attn: Mr. Jason Flattery **Delivery Method:** Alpha
Project Number: 0051545
Site: NA EXCAVATION

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0711772-01	SP-F1-20070815-01	RAYTHEON WAYLAND
L0711772-02	SP-F2-20070815-01	RAYTHEON WAYLAND
L0711772-03	SP-F3-20070815-01	RAYTHEON WAYLAND
L0711772-04	SP-F4-20070815-01	RAYTHEON WAYLAND
L0711772-05	SP-F5-20070815-01	RAYTHEON WAYLAND
L0711772-06	SP-F6-20070815-01	RAYTHEON WAYLAND

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

Authorized by: Michelle M. Morris
Technical Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0711772

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.

TCLP Pesticides

L0711772-01 through -06 were re-extracted due to QC failure on the original analyses. Re-extraction was performed within holding time. The results of the re-extraction are reported.

TCLP Metals

The MS % recovery for Silver is below method acceptance criteria. A post analytical spike was performed with an acceptable recovery of 101%.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-01
SP-F1-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:	Unknown						
Description of Material:	Non-Metallic - Wet Clay						
Particle Size:	Fine						
Preliminary Burning Time (sec):	120						
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0817 09:00	0817 13:17	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:17	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:17	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:17	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0817 15:50	0820 09:24	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:17	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:17	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	51.0	%	21-120				
Phenol-d6	59.0	%	10-120				
Nitrobenzene-d5	55.0	%	23-120				
2-Fluorobiphenyl	49.0	%	43-120				
2,4,6-Tribromophenol	53.0	%	10-120				
4-Terphenyl-d14	85.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-01
SP-F1-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 16:39 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	38.0	%					30-150
Decachlorobiphenyl	49.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 15:36 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	94.0	%					30-150
Decachlorobiphenyl	86.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711772-02	Date Collected: 15-AUG-2007 08:35
SP-F2-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 21-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
pH	6.2	SU	-	1 9045C	0816 20:05	LR
Cyanide, Reactive	ND	mg/kg	10	1 7.3	0816 19:50	TV
Sulfide, Reactive	ND	mg/kg	10	1 7.3	0816 19:50	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-02
SP-F2-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:	Unknown						
Description of Material:	Non-Metallic - Damp Clay						
Particle Size:	Fine						
Preliminary Burning Time (sec):	120						
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0817 09:00	0817 13:26	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:26	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:26	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:26	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0817 15:50	0820 09:25	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:26	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:26	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	48.0	%	21-120				
Phenol-d6	59.0	%	10-120				
Nitrobenzene-d5	53.0	%	23-120				
2-Fluorobiphenyl	48.0	%	43-120				
2,4,6-Tribromophenol	51.0	%	10-120				
4-Terphenyl-d14	81.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-02
SP-F2-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 17:08 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	48.0	%					30-150
Decachlorobiphenyl	44.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 16:04 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	93.0	%					30-150
Decachlorobiphenyl	86.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711772-03 **Date Collected:** 15-AUG-2007 08:40
 SP-F3-20070815-01 **Date Received :** 15-AUG-2007
Sample Matrix: SOIL **Date Reported :** 21-AUG-2007
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 3-Amber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
pH	7.5	SU	-	1 9045C		0816 20:05	LR
Cyanide, Reactive	ND	mg/kg	10	1 7.3		0816 19:50	TV
Sulfide, Reactive	ND	mg/kg	10.	1 7.3		0816 19:50	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-03
SP-F3-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:	Unknown						
Description of Material:	Non-Metallic - Damp Clay						
Particle Size:	Fine						
Preliminary Burning Time (sec):	120						
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0817 09:00	0817 13:29	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:29	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:29	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:29	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0817 15:50	0820 09:27	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:29	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:29	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	55.0	%	21-120				
Phenol-d6	68.0	%	10-120				
Nitrobenzene-d5	63.0	%	23-120				
2-Fluorobiphenyl	58.0	%	43-120				
2,4,6-Tribromophenol	62.0	%	10-120				
4-Terphenyl-d14	80.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0711772-03
 SP-F3-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 17:37 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	41.0	%					30-150
Decachlorobiphenyl	34.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 16:33 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	88.0	%					30-150
Decachlorobiphenyl	83.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711772-04	Date Collected: 15-AUG-2007 08:45
SP-F4-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 21-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
pH	6.6	SU	-	1 9045C		0816 20:05	LR
Cyanide, Reactive	ND	mg/kg	9.0	1 7.3		0816 19:50	TV
Sulfide, Reactive	ND	mg/kg	9.0	1 7.3		0816 19:50	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-04
SP-F4-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:	Unknown						
Description of Material:	Non-Metallic - Damp Clay						
Particle Size:	Fine						
Preliminary Burning Time (sec):	120						
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B	0817 09:00	0817 13:32	MG
Barium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:32	MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:32	MG
Lead, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:32	MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A	0817 15:50	0820 09:33	DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B	0817 09:00	0817 13:32	MG
Silver, TCLP	ND	mg/l	0.10	1 6010B	0817 09:00	0817 13:32	MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	61.0	%	21-120				
Phenol-d6	76.0	%	10-120				
Nitrobenzene-d5	70.0	%	23-120				
2-Fluorobiphenyl	59.0	%	43-120				
2,4,6-Tribromophenol	64.0	%	10-120				
4-Terphenyl-d14	84.0	%	33-120				
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0711772-04
 SP-F4-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 18:05 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	51.0	%					30-150
Decachlorobiphenyl	41.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 17:02 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	86.0	%					30-150
Decachlorobiphenyl	79.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0711772-05	Date Collected: 15-AUG-2007 08:50
SP-F5-20070815-01	Date Received : 15-AUG-2007
Sample Matrix: SOIL	Date Reported : 21-AUG-2007
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
pH	6.2	SU	-	1 9045C	0816 20:05	LR
Cyanide, Reactive	ND	mg/kg	9.0	1 7.3	0816 19:50	TV
Sulfide, Reactive	ND	mg/kg	9.0	1 7.3	0816 19:50	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-05
SP-F5-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:	Unknown						
Description of Material:	Non-Metallic - Damp Clay						
Particle Size:	Fine						
Preliminary Burning Time (sec):	120						
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0817 09:00	0817 13:34 MG
Barium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:34 MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0817 13:34 MG
Lead, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:34 MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0817 15:50	0820 09:35 DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:34 MG
Silver, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0817 13:34 MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	55.0	%					21-120
Phenol-d6	66.0	%					10-120
Nitrobenzene-d5	62.0	%					23-120
2-Fluorobiphenyl	55.0	%					43-120
2,4,6-Tribromophenol	60.0	%					10-120
4-Terphenyl-d14	89.0	%					33-120
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-05
SP-F5-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 18:34 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	47.0	%					30-150
Decachlorobiphenyl	46.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 17:30 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	91.0	%					30-150
Decachlorobiphenyl	73.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0711772-06	Date Collected:	15-AUG-2007 08:55
	SP-F6-20070815-01	Date Received :	15-AUG-2007
Sample Matrix:	SOIL	Date Reported :	21-AUG-2007
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	3-Amber		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
pH	6.4	SU	-	1 9045C		0816 20:05	LR
Cyanide, Reactive	ND	mg/kg	9.0	1 7.3		0816 19:50	TV
Sulfide, Reactive	ND	mg/kg	9.0	1 7.3		0816 19:50	TV

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0711772-06
SP-F6-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Ignitability of Solids				1 1030		0816 12:45	ST
Test Material Information							
Source of Material:				Unknown			
Description of Material:				Non-Metallic - Wet Clay			
Particle Size:				Fine			
Preliminary Burning Time (sec):				120			
Ignitability	NI						
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0817 09:00	0817 13:37 MG
Barium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:37 MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0817 13:37 MG
Lead, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:37 MG
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0817 15:50	0820 09:36 DM
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:37 MG
Silver, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0817 13:37 MG
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	49.0	%					21-120
Phenol-d6	60.0	%					10-120
Nitrobenzene-d5	59.0	%					23-120
2-Fluorobiphenyl	49.0	%					43-120
2,4,6-Tribromophenol	57.0	%					10-120
4-Terphenyl-d14	83.0	%					33-120
TCLP Pesticides by GC							
TCLP Extraction				1 1311		0815 21:30	
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0711772-06
 SP-F6-20070815-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Pesticides by GC cont'd				1	8082/8081	0820 08:30	0820 19:03 JB
TCLP Extraction				1	1311	0815 21:30	
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	43.0	%					30-150
Decachlorobiphenyl	55.0	%					30-150
TCLP PCBs by GC				1	8082	0816 20:30	0817 17:59 AK
TCLP Extraction				1	1311	0815 21:30	
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	90.0	%					30-150
Decachlorobiphenyl	82.0	%					30-150

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0711772

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
pH for sample(s) 01-06 (L0711772-05, WG290928-2)					
pH	6.2	6.4	SU	3	
Cyanide, Reactive for sample(s) 01-06 (L0711827-04, WG290898-3)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
Sulfide, Reactive for sample(s) 01-06 (L0711827-04, WG290899-3)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
TCLP Metals for sample(s) 01-06 (L0711772-01, WG290974-1)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals for sample(s) 01-06 (L0711772-03, WG291031-3)					
Mercury, TCLP	ND	ND	mg/l	NC	

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0711772

Parameter	% Recovery	QC Criteria
pH LCS for sample(s) 01-06 (WG290928-1)		
pH	100	
Cyanide, Reactive LCS for sample(s) 01-06 (WG290898-2)		
Cyanide, Reactive	60	30-125
Sulfide, Reactive LCS for sample(s) 01-06 (WG290899-2)		
Sulfide, Reactive	75	60-125
TCLP Metals LCS for sample(s) 01-06 (WG290974-4)		
Arsenic, TCLP	110	75-125
Barium, TCLP	96	75-125
Cadmium, TCLP	110	75-125
Lead, TCLP	110	75-125
Selenium, TCLP	105	75-125
Silver, TCLP	110	75-125
TCLP Metals LCS for sample(s) 01-06 (WG291031-1)		
Mercury, TCLP	102	
TCLP Semi-Volatile Organics LCS for sample(s) 01-06 (WG290902-2)		
Hexachlorobenzene	66	40-140
2,4-Dinitrotoluene	67	24-96
Hexachlorobutadiene	39	10-100
Hexachloroethane	37	13-82
Nitrobenzene	56	40-140
2,4,6-Trichlorophenol	50	30-130
Pentachlorophenol	63	9-103
2-Methylphenol	45	30-130
3-Methylphenol/4-Methylphenol	46	30-130
2,4,5-Trichlorophenol	50	30-130
Pyridine	32	
Surrogate(s)		
2-Fluorophenol	43	21-120
Phenol-d6	53	10-120
Nitrobenzene-d5	50	23-120
2-Fluorobiphenyl	48	43-120
2,4,6-Tribromophenol	57	10-120
4-Terphenyl-d14	80	33-120
TCLP Pesticides by GC LCS for sample(s) 01-06 (WG290906-2)		
Lindane	45	30-150
Heptachlor	36	30-150
Heptachlor epoxide	50	30-150
Endrin	60	30-150
Methoxychlor	48	30-150

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0711772

Continued

Parameter	% Recovery	QC Criteria
TCLP Pesticides by GC LCS for sample(s) 01-06 (WG290906-2)		
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	34	30-150
Decachlorobiphenyl	39	30-150
TCLP PCBs by GC LCS for sample(s) 01-06 (WG290908-2)		
Aroclor 1016	87	40-140
Aroclor 1260	108	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	96	30-150
Decachlorobiphenyl	97	30-150
TCLP Metals SPIKE for sample(s) 01-06 (L0711772-01, WG290974-2)		
Arsenic, TCLP	110	75-125
Barium, TCLP	98	75-125
Cadmium, TCLP	110	75-125
Lead, TCLP	100	75-125
Selenium, TCLP	110	75-125
Silver, TCLP	53	75-125
TCLP Metals SPIKE for sample(s) 01-06 (L0711772-03, WG291031-2)		
Mercury, TCLP	127	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0711772

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Semi-Volatile Organics for sample(s) 01-06 (L0711772-01, WG290902-4)					
Hexachlorobenzene	78	74	5	30	40-140
2,4-Dinitrotoluene	76	72	5	30	24-96
Hexachlorobutadiene	44	50	13	30	10-100
Hexachloroethane	40	44	10	30	13-82
Nitrobenzene	68	72	6	30	40-140
2,4,6-Trichlorophenol	66	64	3	30	30-130
Pentachlorophenol	74	76	3	30	9-103
2-Methylphenol	56	56	0	30	30-130
3-Methylphenol/4-Methylphenol	60	57	5	30	30-130
2,4,5-Trichlorophenol	60	60	0	30	30-130
Pyridine	30	37	21	30	
Surrogate(s)					
2-Fluorophenol	51	50	2		21-120
Phenol-d6	66	66	0		10-120
Nitrobenzene-d5	62	61	2		23-120
2-Fluorobiphenyl	59	61	3		43-120
2,4,6-Tribromophenol	68	66	3		10-120
4-Terphenyl-d14	87	86	1		33-120
TCLP Pesticides by GC for sample(s) 01-06 (L0711772-01, WG290906-4)					
Lindane	66	68	3	30	30-150
Heptachlor	54	57	5	30	30-150
Heptachlor epoxide	68	71	4	30	30-150
Endrin	81	85	5	30	30-150
Methoxychlor	66	68	3	30	30-150
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	56	56	0		30-150
Decachlorobiphenyl	54	54	0		30-150
TCLP PCBs by GC for sample(s) 01-06 (L0711772-01, WG290908-4)					
Aroclor 1016	92	101	9	30	40-140
Aroclor 1260	111	116	4	30	40-140
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	99	102	3		30-150
Decachlorobiphenyl	93	91	2		30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0711772

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-06 (WG290898-1)							
Cyanide, Reactive	ND	mg/kg	10	1 7.3		0816 19:50	TV
Blank Analysis for sample(s) 01-06 (WG290899-1)							
Sulfide, Reactive	ND	mg/kg	10.	1 7.3		0816 19:50	TV
Blank Analysis for sample(s) 01-06 (WG290974-3)							
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Arsenic, TCLP	ND	mg/l	1.0	1 6010B		0817 09:00	0817 13:11 MG
Barium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:11 MG
Cadmium, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0817 13:11 MG
Lead, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:11 MG
Selenium, TCLP	ND	mg/l	0.50	1 6010B		0817 09:00	0817 13:11 MG
Silver, TCLP	ND	mg/l	0.10	1 6010B		0817 09:00	0820 13:47 AI
Blank Analysis for sample(s) 01-06 (WG291031-4)							
TCLP Metals							
TCLP Extraction				1 1311		0815 21:30	
Mercury, TCLP	ND	mg/l	0.0010	1 7470A		0817 15:50	0820 09:20 DM
Blank Analysis for sample(s) 01-06 (WG290902-1)							
TCLP Semi-Volatile Organics							
TCLP Extraction				1 1311		0815 21:30	
Hexachlorobenzene	ND	ug/l	25.				
2,4-Dinitrotoluene	ND	ug/l	30.				
Hexachlorobutadiene	ND	ug/l	50.				
Hexachloroethane	ND	ug/l	25.				
Nitrobenzene	ND	ug/l	25.				
2,4,6-Trichlorophenol	ND	ug/l	25.				
Pentachlorophenol	ND	ug/l	50.				
2-Methylphenol	ND	ug/l	30.				
3-Methylphenol/4-Methylphenol	ND	ug/l	30.				
2,4,5-Trichlorophenol	ND	ug/l	25.				
Pyridine	ND	ug/l	250				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	55.0	%					21-120
Phenol-d6	66.0	%					10-120
Nitrobenzene-d5	66.0	%					23-120
2-Fluorobiphenyl	57.0	%					43-120
2,4,6-Tribromophenol	60.0	%					10-120
4-Terphenyl-d14	88.0	%					33-120

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0711772

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-06 (WG290906-1)							
TCLP Pesticides by GC				1 8082/8081	0820 08:30	0820 14:45	JB
TCLP Extraction				1 1311	0815 21:30		
Lindane	ND	ug/l	0.100				
Heptachlor	ND	ug/l	0.100				
Heptachlor epoxide	ND	ug/l	0.100				
Endrin	ND	ug/l	0.200				
Methoxychlor	ND	ug/l	1.00				
Toxaphene	ND	ug/l	1.00				
Chlordane	ND	ug/l	1.00				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	51.0	%	30-150				
Decachlorobiphenyl	48.0	%	30-150				
Blank Analysis for sample(s) 01-06 (WG290908-1)							
TCLP PCBs by GC				1 8082	0816 20:30	0817 13:42	AK
TCLP Extraction				1 1311	0815 21:30		
Aroclor 1016	ND	ug/l	2.50				
Aroclor 1221	ND	ug/l	2.50				
Aroclor 1232	ND	ug/l	2.50				
Aroclor 1242	ND	ug/l	2.50				
Aroclor 1248	ND	ug/l	2.50				
Aroclor 1254	ND	ug/l	2.50				
Aroclor 1260	ND	ug/l	2.50				
Surrogate(s)	Recovery						QC Criteria
2,4,5,6-Tetrachloro-m-xylene	90.0	%	30-150				
Decachlorobiphenyl	91.0	%	30-150				

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. 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 Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. 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 Analytical, Inc.

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

ALPHA

CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: ERM - BOSTON

Address: 394 BRYSTON ST 6TH FLOOR
BOSTON, MA 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: Jason.Flattery@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA 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: 8/20/07

Time:

Date Rec'd in Lab:

8/19/07

ALPHA Job #:

10711773

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

MCP

MA/MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

Yes No Are CT RCP (Reasonable Confidence Protocol(s)) Required?

SAMPLE HANDLING

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				S
		Date	Time			TCLP VOA	TCLP PCBs, SVOCs, PESTICIDE, HERB.	PH, REACT, FLASHEMNT	TCLP AS, BA, CO, Pb, Hg, Se, A	
11772.1	SP-F1-20070815-01	8/15/07	0830	S	JDF	X	X	X	X	4
2	SP-F2-20070815-01		0835			X	X	X	X	4
3	SP-F3-20070815-01		0840			X	X	X	X	4
4	SP-F4-20070815-01		0845			X	X	X	X	4
5	SP-F5-20070815-01		0850			X	X	X	X	4
6	SP-F6-20070815-01		0855			X	X	X	X	4

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:

[Signature]

Date/Time

8/15/07 15:30

Receiver By:

[Signature]

Date/Time

8/15/07 16:15

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.

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England **Laboratory Job Number:** L0710795
Address: 399 Boylston Street
6th Floor **Date Received:** 27-JUL-2007
Boston, MA 02116 **Date Reported:** 09-AUG-2007
Attn: Mr. Jason Flattery **Delivery Method:** Alpha
Project Number: 0051545
Site: NA SOIL EXCAVATION

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0710795-01	SP-D-1-20070727-01	RAYTHEON WAYLAND
L0710795-02	SP-D-2-20070727-01	RAYTHEON WAYLAND
L0710795-03	SP-D-3-20070727-01	RAYTHEON WAYLAND
L0710795-04	SP-D-4-20070727-01	RAYTHEON WAYLAND
L0710795-05	SP-E-1-20070727-01	RAYTHEON WAYLAND
L0710795-06	SP-E-2-20070727-01	RAYTHEON WAYLAND
L0710795-07	SP-E-3-20070727-01	RAYTHEON WAYLAND
L0710795-08	SP-E-4-20070727-01	RAYTHEON WAYLAND

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

Authorized by: Michelle M. Morris
Technical Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0710795

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.

Report Submission

This report contains the results for TCLP Herbicides. The results for all other requested analyses were issued under separate cover.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0710795-03 Date Collected: 27-JUL-2007 09:10
SP-D-3-20070727-01 Date Received : 27-JUL-2007
Sample Matrix: SOIL Date Reported : 09-AUG-2007
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
TCLP Herbicides by GC				1 8151A(M)	0803 09:20	0809 02:25	JB
TCLP Extraction				1 1311	0801 17:00		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	69.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0710795

Parameter	% Recovery	QC Criteria
-----------	------------	-------------

TCLP Herbicides by GC LCS for sample(s) 01-08 (WG289419-2)		
2,4-D	97	
2,4,5-TP (Silvex)	41	
Surrogate(s)		
DCAA	52	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0710795

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
TCLP Herbicides by GC for sample(s) 01-08 (L0710795-02, WG289419-4)					
2,4-D	120	100	18		
2,4,5-TP (Silvex)	58	45	25		
Surrogate(s)					
DCAA	73	58	23		

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0710795

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-08 (WG289419-1)							
TCLP Herbicides by GC				1 8151A(M)	0803 09:20	0808 20:40	JB
TCLP Extraction				1 1311	0801 17:00		
2,4-D	ND	mg/l	0.03				
2,4,5-TP (Silvex)	ND	mg/l	0.003				
Surrogate(s)	Recovery		QC Criteria				
DCAA	70.0	%					

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.
METHOD Method number by which analysis was performed.
ID Initials of the analyst.
ND Not detected in comparison to the reported detection limit.
NI Not Ignitable.
ug/cart Micrograms per Cartridge.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. 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 Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. 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 Analytical, Inc.

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



CHAIN OF CUSTODY

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: **394 BRISTOL ST 6TH FLOOR
BOSTON, MA 02116**

Phone: **(617) 646-7800**

Fax: **(617) 267-6447**

Email: **jas333.flattery@erm.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

**PLEASE RUN TOTAL SOLIDS
FOR ALL SAMPLES**

Project Information

Project Name: **VA SOIL EXCAVATION**

Project Location: **RAYTHEON WAYARD**

Project #: **0051545**

Project Manager: **JASON FLATTERY**

ALPHA Quote #: **---**

Turn-Around Time

Standard **ASAP PER TIME:**

AS RUSH (only confirmed if pre-approved)

Date Due: **TO CHINA LIMI**

Date Rec'd In Lab: **7/27**

7/27

ALPHA Job #: **10710795**

Report Information - Data Deliverables

FAX EMAIL

INDEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

ANALYSIS

PH, REACTIVITY, FLASH
 TCLP, PCBs, SVOCs
 PESTIC. HERB.
 TCLP VOA (8260)
 TCLP Pb, Cd, P, H, Se, As
 VOCs (LOW) (8260)
 TOTAL SOLIDS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	
		Date	Time			PH	REACTIVITY	FLASH	TCLP	PCBs	SVOCs	PESTIC. HERB.	TCLP VOA (8260)	TCLP Pb, Cd, P, H, Se, As	VOCs (LOW) (8260)		TOTAL SOLIDS
10795-1	SP-D-1-20070727-01	7/27/07	09:00	S	JDF	1	1	1	1	1	1	1	1	1	1	6.5	(S)
2	SP-D-2-20070727-01	7/27/07	09:05	S	JDF	1	1	1	1	1	1	1	1	1	1	6.8	(S)
3	SP-D-3-20070727-01	7/27/07	09:10	S	JDF	1	1	1	1	1	1	1	1	1	1	6.8	(S)
4	SP-D-4-20070727-01	7/27/07	09:15	S	JDF	1	1	1	1	1	1	1	1	1	1	6.8	(S)
	SP-E-1-2-20070727-01																
5	SP-E-1-20070727-01	7/27/07	09:30	S	JDF	1	1	1	1	1	1	1	1	1	1	6.5	(S)
6	SP-E-2-20070727-01	7/27/07	09:35	S	JDF	1	1	1	1	1	1	1	1	1	1	6.8	(S)
7	SP-E-3-20070727-01	7/27/07	09:40	S	JDF	1	1	1	1	1	1	1	1	1	1	6.5	(S)
8	SP-E-4-20070727-01	7/27/07	09:45	S	JDF	1	1	1	1	1	1	1	1	1	1	6.8	(S)
9	DWP-001-20070727-01	7/27/07	24:00	S	JDF	1	1	1	1	1	1	1	1	1	1	2.1	(S)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

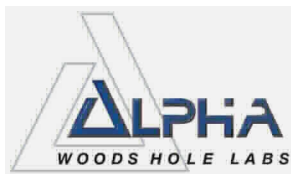
Requisitioned By: **JDF**

Date/Time: **7/27/07 13:31**

Received By: **JDF**

Date/Time: **7/27/07 13:31**

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: L0710794

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

ATTN: Jason Flattery

Project Name: NA SOIL 2007

Project Number: 0051545

Report Date: 08/09/07

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 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

Alpha Sample ID	Client ID	Sample Location
L0710794-01	SP-D-1-20070727-01	RAYTHEON WAYLAND
L0710794-02	SP-D-2-20070727-01	RAYTHEON WAYLAND
L0710794-03	SP-D-3-20070727-01	RAYTHEON WAYLAND
L0710794-04	SP-D-4-20070727-01	RAYTHEON WAYLAND
L0710794-05	SP-E-1-20070727-01	RAYTHEON WAYLAND
L0710794-06	SP-E-2-20070727-01	RAYTHEON WAYLAND
L0710794-07	SP-E-3-20070727-01	RAYTHEON WAYLAND
L0710794-08	SP-E-4-20070727-01	RAYTHEON WAYLAND
L0710794-09	DUP-001-20070727-01	RAYTHEON WAYLAND
L0710794-10	TB-001-20070727-01	RAYTHEON WAYLAND

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

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 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

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.

Report Submission

This report is a final report to replace preliminary report issued on August 08, 2007.

MCP Related Narratives:

Volatile Organics

L0710794-07 has an estimated value reported for Trichloroethene because the concentration of this analyte exceeded the level of calibration.

In reference to question E:

The WG289577-4/5 and the WG289581-1/2 LCS/LCSD % recoveries for 2,2-Dichloropropane, a difficult analyte, are below the individual acceptance criteria for this compound, but within the overall method allowances.

Non-MCP Related Narratives:

Report Submission

The data for the analysis of TCLP Herbicides will be issued on a separate report as soon as the data becomes available.

TCLP-Semi-Volatile Organics

The WG289349 MS/MSD RPD for Pyridine is above method acceptance criteria.

Pesticides


L0710794-02 was re-extracted due to one or more surrogates recovering outside method acceptance criteria on the original analysis. Re-extraction was performed within holding time and has acceptable surrogate recoveries, therefore, the re-extracted results are reported.

Project Name: NA SOIL 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

Case Narrative (continued)

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: 08/09/07

ORGANICS

VOLATILES

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-01
Client ID: SP-D-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 08/08/07 12:50
Analyst: SE
Percent Solids: 75%
TCLP Extraction Date: 07/30/07 16:22

Date Collected: 07/27/07 09:00
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/04/07 20:59
 Analyst: SE
 Percent Solids: 75%

Date Collected: 07/27/07 09:00
 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	13	1
1,1-Dichloroethane	ND		ug/kg	2.0	1
Chloroform	ND		ug/kg	2.0	1
Carbon tetrachloride	ND		ug/kg	1.3	1
1,2-Dichloropropane	ND		ug/kg	4.6	1
Dibromochloromethane	ND		ug/kg	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	1
Tetrachloroethene	23		ug/kg	1.3	1
Chlorobenzene	ND		ug/kg	1.3	1
Trichlorofluoromethane	ND		ug/kg	6.5	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	6.5	1
Bromoform	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Benzene	ND		ug/kg	1.3	1
Toluene	2.3		ug/kg	2.0	1
Ethylbenzene	ND		ug/kg	1.3	1
Chloromethane	ND		ug/kg	6.5	1
Bromomethane	ND		ug/kg	2.6	1
Vinyl chloride	ND		ug/kg	2.6	1
Chloroethane	ND		ug/kg	2.6	1
1,1-Dichloroethene	ND		ug/kg	1.3	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	1
Trichloroethene	54		ug/kg	1.3	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.5	1
Methyl tert butyl ether	ND		ug/kg	2.6	1
p/m-Xylene	ND		ug/kg	2.6	1
o-Xylene	ND		ug/kg	2.6	1
cis-1,2-Dichloroethene	8.4		ug/kg	1.3	1
Dibromomethane	ND		ug/kg	13	1
1,2,3-Trichloropropane	ND		ug/kg	13	1
Styrene	ND		ug/kg	2.6	1
Dichlorodifluoromethane	ND		ug/kg	13	1
Acetone	160		ug/kg	13	1
Carbon disulfide	ND		ug/kg	65	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	6.5	1
Tetrahydrofuran	ND		ug/kg	26	1
2,2-Dichloropropane	ND		ug/kg	6.5	1
1,2-Dibromoethane	ND		ug/kg	5.2	1
1,3-Dichloropropane	ND		ug/kg	6.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Bromobenzene	ND		ug/kg	6.5	1
n-Butylbenzene	ND		ug/kg	1.3	1
sec-Butylbenzene	ND		ug/kg	1.3	1
tert-Butylbenzene	ND		ug/kg	6.5	1
o-Chlorotoluene	ND		ug/kg	6.5	1
p-Chlorotoluene	ND		ug/kg	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	1
Hexachlorobutadiene	ND		ug/kg	6.5	1
Isopropylbenzene	ND		ug/kg	1.3	1
p-Isopropyltoluene	ND		ug/kg	1.3	1
Naphthalene	ND		ug/kg	6.5	1
n-Propylbenzene	ND		ug/kg	1.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	1
Ethyl ether	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.2	1
1,4-Dioxane	ND		ug/kg	650	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-02
Client ID: SP-D-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/07 13:28
Analyst: SE
Percent Solids: 74%
TCLP Extraction Date: 07/30/07 16:22

Date Collected: 07/27/07 09:05
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/05/07 16:21
 Analyst: SE
 Percent Solids: 74%

Date Collected: 07/27/07 09:05
 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	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	9.0		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	24		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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:05
 Date Received: 07/27/07
 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	1.9		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	17		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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:05
 Date Received: 07/27/07
 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	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
Client ID: SP-D-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 08/08/07 14:06
Analyst: SE
Percent Solids: 75%
TCLP Extraction Date: 07/30/07 16:22

Date Collected: 07/27/07 09:10
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	108		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
Client ID: SP-D-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/05/07 16:56
Analyst: SE
Percent Solids: 75%

Date Collected: 07/27/07 09:10
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	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	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
1,1,1,2-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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-03
 Client ID: SP-D-3-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:10
 Date Received: 07/27/07
 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	4.4	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 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
 Client ID: SP-D-3-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:10
 Date Received: 07/27/07
 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	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-04
Client ID: SP-D-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/07 14:44
Analyst: SE
Percent Solids: 77%
TCLP Extraction Date: 07/30/07 16:22

Date Collected: 07/27/07 09:15
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/05/07 17:31
 Analyst: SE
 Percent Solids: 77%

Date Collected: 07/27/07 09:15
 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	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	1.5		ug/kg	1.3	1
Chlorobenzene	ND		ug/kg	1.3	1
Trichlorofluoromethane	ND		ug/kg	6.5	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	6.5	1
Bromoform	ND		ug/kg	5.2	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	6.5	1
Bromomethane	ND		ug/kg	2.6	1
Vinyl chloride	ND		ug/kg	2.6	1
Chloroethane	ND		ug/kg	2.6	1
1,1-Dichloroethene	ND		ug/kg	1.3	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	11		ug/kg	1.3	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:15
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.5	1
Methyl tert butyl ether	ND		ug/kg	2.6	1
p/m-Xylene	ND		ug/kg	2.6	1
o-Xylene	ND		ug/kg	2.6	1
cis-1,2-Dichloroethene	1.6		ug/kg	1.3	1
Dibromomethane	ND		ug/kg	13	1
1,2,3-Trichloropropane	ND		ug/kg	13	1
Styrene	ND		ug/kg	2.6	1
Dichlorodifluoromethane	ND		ug/kg	13	1
Acetone	31		ug/kg	13	1
Carbon disulfide	ND		ug/kg	65	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	6.5	1
Tetrahydrofuran	ND		ug/kg	26	1
2,2-Dichloropropane	ND		ug/kg	6.5	1
1,2-Dibromoethane	ND		ug/kg	5.2	1
1,3-Dichloropropane	ND		ug/kg	6.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Bromobenzene	ND		ug/kg	6.5	1
n-Butylbenzene	ND		ug/kg	1.3	1
sec-Butylbenzene	ND		ug/kg	1.3	1
tert-Butylbenzene	ND		ug/kg	6.5	1
o-Chlorotoluene	ND		ug/kg	6.5	1
p-Chlorotoluene	ND		ug/kg	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	1
Hexachlorobutadiene	ND		ug/kg	6.5	1
Isopropylbenzene	ND		ug/kg	1.3	1
p-Isopropyltoluene	ND		ug/kg	1.3	1
Naphthalene	ND		ug/kg	6.5	1
n-Propylbenzene	ND		ug/kg	1.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	1
Ethyl ether	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:15
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.2	1
1,4-Dioxane	ND		ug/kg	650	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
Client ID: SP-E-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 08/08/07 15:22
Analyst: SE
Percent Solids: 78%
TCLP Extraction Date: 07/30/07 16:22

Date Collected: 07/27/07 09:30
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	105		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
Client ID: SP-E-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/05/07 18:06
Analyst: SE
Percent Solids: 78%

Date Collected: 07/27/07 09:30
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	14	1
1,1-Dichloroethane	ND		ug/kg	2.0	1
Chloroform	ND		ug/kg	2.0	1
Carbon tetrachloride	ND		ug/kg	1.4	1
1,2-Dichloropropane	ND		ug/kg	4.8	1
Dibromochloromethane	ND		ug/kg	1.4	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	1
Tetrachloroethene	33		ug/kg	1.4	1
Chlorobenzene	ND		ug/kg	1.4	1
Trichlorofluoromethane	ND		ug/kg	6.8	1
1,2-Dichloroethane	ND		ug/kg	1.4	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	1
Bromodichloromethane	ND		ug/kg	1.4	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	1
1,1-Dichloropropene	ND		ug/kg	6.8	1
Bromoform	ND		ug/kg	5.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	1
Benzene	ND		ug/kg	1.4	1
Toluene	ND		ug/kg	2.0	1
Ethylbenzene	ND		ug/kg	1.4	1
Chloromethane	ND		ug/kg	6.8	1
Bromomethane	ND		ug/kg	2.7	1
Vinyl chloride	ND		ug/kg	2.7	1
Chloroethane	ND		ug/kg	2.7	1
1,1-Dichloroethene	ND		ug/kg	1.4	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	1
Trichloroethene	28		ug/kg	1.4	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-05
 Client ID: SP-E-1-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:30
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.8	1
Methyl tert butyl ether	ND		ug/kg	2.7	1
p/m-Xylene	ND		ug/kg	2.7	1
o-Xylene	ND		ug/kg	2.7	1
cis-1,2-Dichloroethene	2.8		ug/kg	1.4	1
Dibromomethane	ND		ug/kg	14	1
1,2,3-Trichloropropane	ND		ug/kg	14	1
Styrene	ND		ug/kg	2.7	1
Dichlorodifluoromethane	ND		ug/kg	14	1
Acetone	14		ug/kg	14	1
Carbon disulfide	ND		ug/kg	68	1
2-Butanone	ND		ug/kg	14	1
4-Methyl-2-pentanone	ND		ug/kg	14	1
2-Hexanone	ND		ug/kg	14	1
Bromochloromethane	ND		ug/kg	6.8	1
Tetrahydrofuran	ND		ug/kg	27	1
2,2-Dichloropropane	ND		ug/kg	6.8	1
1,2-Dibromoethane	ND		ug/kg	5.4	1
1,3-Dichloropropane	ND		ug/kg	6.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	1
Bromobenzene	ND		ug/kg	6.8	1
n-Butylbenzene	ND		ug/kg	1.4	1
sec-Butylbenzene	ND		ug/kg	1.4	1
tert-Butylbenzene	ND		ug/kg	6.8	1
o-Chlorotoluene	ND		ug/kg	6.8	1
p-Chlorotoluene	ND		ug/kg	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	1
Hexachlorobutadiene	ND		ug/kg	6.8	1
Isopropylbenzene	ND		ug/kg	1.4	1
p-Isopropyltoluene	ND		ug/kg	1.4	1
Naphthalene	ND		ug/kg	6.8	1
n-Propylbenzene	ND		ug/kg	1.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	1
Ethyl ether	ND		ug/kg	6.8	1

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
 Client ID: SP-E-1-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:30
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.4	1
1,4-Dioxane	ND		ug/kg	680	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-06
Client ID: SP-E-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8260B
Analytical Date: 08/08/07 16:40
Analyst: SE
Percent Solids: 75%
TCLP Extraction Date: 07/31/07 15:38

Date Collected: 07/27/07 09:35
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	107		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/05/07 18:41
 Analyst: SE
 Percent Solids: 75%

Date Collected: 07/27/07 09:35
 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	13	1
1,1-Dichloroethane	ND		ug/kg	2.0	1
Chloroform	ND		ug/kg	2.0	1
Carbon tetrachloride	ND		ug/kg	1.3	1
1,2-Dichloropropane	ND		ug/kg	4.6	1
Dibromochloromethane	ND		ug/kg	1.3	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	1
Tetrachloroethene	17		ug/kg	1.3	1
Chlorobenzene	ND		ug/kg	1.3	1
Trichlorofluoromethane	ND		ug/kg	6.5	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	6.5	1
Bromoform	ND		ug/kg	5.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	1
Benzene	ND		ug/kg	1.3	1
Toluene	ND		ug/kg	2.0	1
Ethylbenzene	ND		ug/kg	1.3	1
Chloromethane	ND		ug/kg	6.5	1
Bromomethane	ND		ug/kg	2.6	1
Vinyl chloride	ND		ug/kg	2.6	1
Chloroethane	ND		ug/kg	2.6	1
1,1-Dichloroethene	ND		ug/kg	1.3	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	1
Trichloroethene	26		ug/kg	1.3	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:35
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.5	1
Methyl tert butyl ether	ND		ug/kg	2.6	1
p/m-Xylene	ND		ug/kg	2.6	1
o-Xylene	ND		ug/kg	2.6	1
cis-1,2-Dichloroethene	14		ug/kg	1.3	1
Dibromomethane	ND		ug/kg	13	1
1,2,3-Trichloropropane	ND		ug/kg	13	1
Styrene	ND		ug/kg	2.6	1
Dichlorodifluoromethane	ND		ug/kg	13	1
Acetone	27		ug/kg	13	1
Carbon disulfide	ND		ug/kg	65	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	6.5	1
Tetrahydrofuran	ND		ug/kg	26	1
2,2-Dichloropropane	ND		ug/kg	6.5	1
1,2-Dibromoethane	ND		ug/kg	5.2	1
1,3-Dichloropropane	ND		ug/kg	6.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	1
Bromobenzene	ND		ug/kg	6.5	1
n-Butylbenzene	ND		ug/kg	1.3	1
sec-Butylbenzene	ND		ug/kg	1.3	1
tert-Butylbenzene	ND		ug/kg	6.5	1
o-Chlorotoluene	ND		ug/kg	6.5	1
p-Chlorotoluene	ND		ug/kg	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	1
Hexachlorobutadiene	ND		ug/kg	6.5	1
Isopropylbenzene	ND		ug/kg	1.3	1
p-Isopropyltoluene	ND		ug/kg	1.3	1
Naphthalene	ND		ug/kg	6.5	1
n-Propylbenzene	ND		ug/kg	1.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	1
Ethyl ether	ND		ug/kg	6.5	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:35
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.2	1
1,4-Dioxane	ND		ug/kg	650	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-07
Client ID: SP-E-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/07 17:18
Analyst: SE
Percent Solids: 76%

Date Collected: 07/27/07 09:40
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	110		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/05/07 19:16
 Analyst: SE
 Percent Solids: 76%

Date Collected: 07/27/07 09:40
 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	4.2	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	1
Tetrachloroethene	92		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
1,1,1,2-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	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	270	E	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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:40
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	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	53		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	45		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 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:40
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.8	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	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
Client ID: SP-E-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/07 17:56
Analyst: SE
Percent Solids: 74%
TCLP Extraction Date: 07/31/07 15:38

Date Collected: 07/27/07 09:45
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Volatile Organics					
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
Tetrachloroethene	ND		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
Benzene	ND		ug/l	5.0	10
Vinyl chloride	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
Trichloroethene	ND		ug/l	5.0	10
1,4-Dichlorobenzene	ND		ug/l	25	10
2-Butanone	ND		ug/l	50	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 08/05/07 19:51
 Analyst: SE
 Percent Solids: 74%

Date Collected: 07/27/07 09:45
 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	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
1,1,2-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	65		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
1,1,2,2-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	26		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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:45
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	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	2.5		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	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 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 09:45
 Date Received: 07/27/07
 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	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-09
Client ID: DUP-001-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/05/07 20:26
Analyst: SE
Percent Solids: 75%

Date Collected: 07/27/07 00:00
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	18		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.2	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	6.2	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	6.2	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	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	1
Trichloroethene	37		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-09
 Client ID: DUP-001-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 00:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	6.2	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	18		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	27		ug/kg	12	1
Carbon disulfide	ND		ug/kg	62	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	6.2	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.2	1
1,2-Dibromoethane	ND		ug/kg	4.9	1
1,3-Dichloropropane	ND		ug/kg	6.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.2	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.2	1
o-Chlorotoluene	ND		ug/kg	6.2	1
p-Chlorotoluene	ND		ug/kg	6.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	1
Hexachlorobutadiene	ND		ug/kg	6.2	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	1
Ethyl ether	ND		ug/kg	6.2	1

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-09
 Client ID: DUP-001-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/27/07 00:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	4.9	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	620	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-10
Client ID: TB-001-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 08/05/07 21:00
Analyst: SE
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 07/09/07 17:00
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	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	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
1,1,2,2-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	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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-10
 Client ID: TB-001-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/09/07 17:00
 Date Received: 07/27/07
 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 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-10
 Client ID: TB-001-20070727-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/09/07 17:00
 Date Received: 07/27/07
 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	119		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: NA SOIL 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260B
Analytical Date: 08/08/07 12:12
Analyst: SE
TCLP Extraction Date: 07/30/07 16:22

Parameter	Result	Qualifier	Units	RDL
TCLP Volatile Organics for sample(s): 01-05 Batch: WG289375-6				
Chloroform	ND		ug/l	7.5
Carbon tetrachloride	ND		ug/l	5.0
Tetrachloroethene	ND		ug/l	5.0
Chlorobenzene	ND		ug/l	5.0
1,2-Dichloroethane	ND		ug/l	5.0
Benzene	ND		ug/l	5.0
Vinyl chloride	ND		ug/l	10
1,1-Dichloroethene	ND		ug/l	5.0
Trichloroethene	ND		ug/l	5.0
1,4-Dichlorobenzene	ND		ug/l	25
2-Butanone	ND		ug/l	50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	104		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

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): 01 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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

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): 01 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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

**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): 01 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

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 08/05/07 15:46
 Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 02-10 Batch: WG289581-3				
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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 08/05/07 15:46
 Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 02-10 Batch: WG289581-3				
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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 08/05/07 15:46
 Analyst: SE

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 02-10 Batch: WG289581-3				
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	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 08/08/07 16:01
 Analyst: SE
 TCLP Extraction Date: 07/31/07 15:38

Parameter	Result	Qualifier	Units	RDL
TCLP Volatile Organics for sample(s): 06-08 Batch: WG290025-4				
Chloroform	ND		ug/l	7.5
Carbon tetrachloride	ND		ug/l	5.0
Tetrachloroethene	ND		ug/l	5.0
Chlorobenzene	ND		ug/l	5.0
1,2-Dichloroethane	ND		ug/l	5.0
Benzene	ND		ug/l	5.0
Vinyl chloride	ND		ug/l	10
1,1-Dichloroethene	ND		ug/l	5.0
Trichloroethene	ND		ug/l	5.0
1,4-Dichlorobenzene	ND		ug/l	25
2-Butanone	ND		ug/l	50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Volatile Organics Associated sample(s): 01-05 Batch: WG289375-5					
Chloroform	83	-	70-130	-	20
Carbon tetrachloride	90	-	70-130	-	20
Tetrachloroethene	75	-	70-130	-	20
Chlorobenzene	84	-	75-130	-	20
1,2-Dichloroethane	82	-	70-130	-	20
Benzene	79	-	76-127	-	20
Vinyl chloride	80	-	70-130	-	20
1,1-Dichloroethene	88	-	61-145	-	20
Trichloroethene	79	-	71-120	-	20
1,4-Dichlorobenzene	85	-	70-130	-	20
2-Butanone	89	-	70-130	-	20

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 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
1,1,1,2-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 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 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 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 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 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-10 Batch: WG289581-1 WG289581-2					
Methylene chloride	80	81	70-130	1	25
1,1-Dichloroethane	106	106	70-130	0	25
Chloroform	106	105	70-130	1	25
Carbon tetrachloride	109	106	70-130	3	25
1,2-Dichloropropane	103	101	70-130	2	25
Dibromochloromethane	96	95	70-130	1	25
1,1,2-Trichloroethane	98	96	70-130	2	25
Tetrachloroethene	99	99	70-130	0	25
Chlorobenzene	94	94	70-130	0	25
Trichlorofluoromethane	124	125	70-130	1	25
1,2-Dichloroethane	110	108	70-130	2	25
1,1,1-Trichloroethane	110	112	70-130	2	25
Bromodichloromethane	109	105	70-130	4	25
trans-1,3-Dichloropropene	87	85	70-130	2	25
cis-1,3-Dichloropropene	92	94	70-130	2	25
1,1-Dichloropropene	110	108	70-130	2	25
Bromoform	98	98	70-130	0	50
1,1,1,2-Tetrachloroethane	95	95	70-130	0	25
Benzene	103	102	70-130	1	25
Toluene	93	94	70-130	1	25
Ethylbenzene	100	99	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-10 Batch: WG289581-1 WG289581-2					
Chloromethane	115	112	70-130	3	50
Bromomethane	124	124	70-130	0	50
Vinyl chloride	119	122	70-130	2	25
Chloroethane	125	129	70-130	3	25
1,1-Dichloroethene	109	113	70-130	4	25
trans-1,2-Dichloroethene	107	108	70-130	1	25
Trichloroethene	106	108	70-130	2	25
1,2-Dichlorobenzene	96	93	70-130	3	25
1,3-Dichlorobenzene	97	95	70-130	2	25
1,4-Dichlorobenzene	96	93	70-130	3	25
Methyl tert butyl ether	78	80	70-130	3	25
p/m-Xylene	99	97	70-130	2	25
o-Xylene	94	94	70-130	0	25
cis-1,2-Dichloroethene	108	107	70-130	1	25
Dibromomethane	111	108	70-130	3	25
1,2,3-Trichloropropane	107	106	70-130	1	25
Styrene	93	92	70-130	1	25
Dichlorodifluoromethane	123	126	70-130	2	50
Acetone	80	87	70-130	8	50
Carbon disulfide	90	90	70-130	0	25
2-Butanone	93	99	70-130	6	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-10 Batch: WG289581-1 WG289581-2					
4-Methyl-2-pentanone	109	119	70-130	9	50
2-Hexanone	98	100	70-130	2	50
Bromochloromethane	104	103	70-130	1	25
Tetrahydrofuran	84	91	70-130	8	25
2,2-Dichloropropane	65	65	70-130	0	50
1,2-Dibromoethane	103	96	70-130	7	25
1,3-Dichloropropane	97	98	70-130	1	25
1,1,1,2-Tetrachloroethane	103	99	70-130	4	25
Bromobenzene	98	96	70-130	2	25
n-Butylbenzene	82	80	70-130	2	25
sec-Butylbenzene	101	100	70-130	1	25
tert-Butylbenzene	101	100	70-130	1	25
o-Chlorotoluene	99	98	70-130	1	25
p-Chlorotoluene	100	100	70-130	0	25
1,2-Dibromo-3-chloropropane	92	98	70-130	6	50
Hexachlorobutadiene	98	93	70-130	5	25
Isopropylbenzene	108	108	70-130	0	25
p-Isopropyltoluene	107	104	70-130	3	25
Naphthalene	95	96	70-130	1	25
n-Propylbenzene	100	99	70-130	1	25
1,2,3-Trichlorobenzene	94	96	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 02-10 Batch: WG289581-1 WG289581-2					
1,2,4-Trichlorobenzene	96	94	70-130	2	25
1,3,5-Trimethylbenzene	100	97	70-130	3	25
1,2,4-Trimethylbenzene	102	100	70-130	2	25
Ethyl ether	90	89	70-130	1	25
Isopropyl Ether	92	90	70-130	2	25
Ethyl-Tert-Butyl-Ether	84	83	70-130	1	25
Tertiary-Amyl Methyl Ether	86	86	70-130	0	25
1,4-Dioxane	106	114	70-130	7	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103	100	70-130
Toluene-d8	92	91	70-130
4-Bromofluorobenzene	95	92	70-130
Dibromofluoromethane	102	100	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Volatile Organics Associated sample(s): 06-08 Batch: WG290025-3					
Chloroform	83	-	70-130	-	20
Carbon tetrachloride	90	-	70-130	-	20
Tetrachloroethene	75	-	70-130	-	20
Chlorobenzene	84	-	75-130	-	20
1,2-Dichloroethane	82	-	70-130	-	20
Benzene	79	-	76-127	-	20
Vinyl chloride	80	-	70-130	-	20
1,1-Dichloroethene	88	-	61-145	-	20
Trichloroethene	79	-	71-120	-	20
1,4-Dichlorobenzene	85	-	70-130	-	20
2-Butanone	89	-	70-130	-	20

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	100		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP Volatile Organics Associated sample(s): 01-05 QC Batch ID: WG289375-1 WG289375-2 QC Sample: L0710463-14 Client ID: MS Sample										
Chloroform	ND	100	98	98	90	90	70-130	9	20	
Carbon tetrachloride	ND	100	100	103	89	90	70-130	13	20	
Tetrachloroethene	ND	100	110	107	95	96	70-130	11	20	
Chlorobenzene	ND	100	100	102	93	93	75-130	9	20	
1,2-Dichloroethane	ND	100	110	111	100	102	70-130	8	20	
Benzene	ND	100	98	98	91	91	76-127	7	20	
Vinyl chloride	ND	100	77	77	72	72	70-130	7	20	
1,1-Dichloroethene	ND	100	95	95	87	87	61-145	9	20	
Trichloroethene	ND	100	100	104	91	91	71-120	13	20	
1,4-Dichlorobenzene	ND	100	99	99	94	94	70-130	5	20	
2-Butanone	ND	100	110	111	97	97	70-130	13	20	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	105		102		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	101		99		70-130
Toluene-d8	95		96		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP Volatile Organics Associated sample(s): 06-08 QC Batch ID: WG290025-1 WG290025-2 QC Sample: L0710794-06 Client ID: SP-E-2-20070727-01										
Chloroform	ND	100	100	102	97	97	70-130	5	20	
Carbon tetrachloride	ND	100	100	101	94	94	70-130	7	20	
Tetrachloroethene	ND	100	93	93	89	89	70-130	4	20	
Chlorobenzene	ND	100	99	99	95	96	75-130	3	20	
1,2-Dichloroethane	ND	100	110	109	99	99	70-130	10	20	
Benzene	ND	100	92	92	87	87	76-127	6	20	
Vinyl chloride	ND	100	86	86	82	82	70-130	5	20	
1,1-Dichloroethene	ND	100	100	102	91	91	61-145	11	20	
Trichloroethene	ND	100	94	94	86	86	71-120	9	20	
1,4-Dichlorobenzene	ND	100	97	97	100	101	70-130	4	20	
2-Butanone	ND	100	120	124	110	112	70-130	10	20	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	108		106		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	109		102		70-130
Toluene-d8	100		94		70-130

SEMIVOLATILES

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-01
Client ID: SP-D-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8270C
Analytical Date: 08/03/07 19:34
Analyst: AK
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:00
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	61		43-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		33-120

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 1,8270C
 Analytical Date: 08/03/07 19:57
 Analyst: AK
 Percent Solids: 74%
 TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:05
 Date Received: 07/27/07
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	55		43-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
Client ID: SP-D-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8270C
Analytical Date: 08/03/07 20:19
Analyst: AK
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:10
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	53		43-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	77		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-04
Client ID: SP-D-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8270C
Analytical Date: 08/03/07 20:42
Analyst: AK
Percent Solids: 77%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:15
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	55		43-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	76		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
Client ID: SP-E-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8270C
Analytical Date: 08/03/07 21:05
Analyst: AK
Percent Solids: 78%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:30
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		43-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	77		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-06
Client ID: SP-E-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8270C
Analytical Date: 08/03/07 21:28
Analyst: AK
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:35
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	78		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	55		43-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	78		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-07
Client ID: SP-E-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8270C
Analytical Date: 08/03/07 21:51
Analyst: AK
Percent Solids: 76%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:40
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	52		43-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		33-120

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
Client ID: SP-E-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8270C
Analytical Date: 08/03/07 22:14
Analyst: AK
Percent Solids: 74%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:45
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Semi-Volatile Organics					
Hexachlorobenzene	ND		ug/l	25	1
2,4-Dinitrotoluene	ND		ug/l	30	1
Hexachlorobutadiene	ND		ug/l	50	1
Hexachloroethane	ND		ug/l	25	1
Nitrobenzene	ND		ug/l	25	1
2,4,6-Trichlorophenol	ND		ug/l	25	1
Pentachlorophenol	ND		ug/l	50	1
2-Methylphenol	ND		ug/l	30	1
3-Methylphenol/4-Methylphenol	ND		ug/l	30	1
2,4,5-Trichlorophenol	ND		ug/l	25	1
Pyridine	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	83		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	54		43-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	69		33-120

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 08/03/07 18:02
 Analyst: AK
 TCLP Extraction Date: 08/01/07 17:00

Extraction Method: EPA 3510C
 Extraction Date: 08/02/07 16:40

Parameter	Result	Qualifier	Units	RDL
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TCLP Semi-Volatile Organics for sample(s): 01-08 Batch: WG289349-1

Hexachlorobenzene	ND		ug/l	25
2,4-Dinitrotoluene	ND		ug/l	30
Hexachlorobutadiene	ND		ug/l	50
Hexachloroethane	ND		ug/l	25
Nitrobenzene	ND		ug/l	25
2,4,6-Trichlorophenol	ND		ug/l	25
Pentachlorophenol	ND		ug/l	50
2-Methylphenol	ND		ug/l	30
3-Methylphenol/4-Methylphenol	ND		ug/l	30
2,4,5-Trichlorophenol	ND		ug/l	25
Pyridine	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
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2-Fluorophenol	65		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	55		43-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	71		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Semi-Volatile Organics Associated sample(s): 01-08 Batch: WG289349-2					
Hexachlorobenzene	75	-	40-140	-	30
2,4-Dinitrotoluene	76	-	24-96	-	30
Hexachlorobutadiene	44	-	10-100	-	30
Hexachloroethane	44	-	13-82	-	30
Nitrobenzene	68	-	40-140	-	30
2,4,6-Trichlorophenol	61	-	30-130	-	30
Pentachlorophenol	74	-	9-103	-	30
2-Methylphenol	57	-	30-130	-	30
3-Methylphenol/4-Methylphenol	57	-	30-130	-	30
2,4,5-Trichlorophenol	62	-	30-130	-	30
Pyridine	52	-		-	30

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	51		43-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	75		33-120

Matrix Spike Analysis Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS		MSD		Recovery Limits	RPD	RPD Limits
			MS Found	%Recovery	MSD Found	%Recovery			
TCLP Semi-Volatile Organics Associated sample(s): 01-08 QC Batch ID: WG289349-3 WG289349-4 QC Sample: L0710794-01 Client ID: SP-D-1-20070727-01									
Hexachlorobenzene	ND	500	400	80	410	82	40-140	2	30
2,4-Dinitrotoluene	ND	500	450	90	420	84	24-96	7	30
Hexachlorobutadiene	ND	500	270	54	250	50	10-100	8	30
Hexachloroethane	ND	500	280	56	260	52	13-82	7	30
Nitrobenzene	ND	500	400	80	390	78	40-140	3	30
2,4,6-Trichlorophenol	ND	500	400	80	370	74	30-130	8	30
Pentachlorophenol	ND	500	450	90	390	78	9-103	14	30
2-Methylphenol	ND	500	320	64	330	66	30-130	3	30
3-Methylphenol/4-Methylphenol	ND	1000	690	69	670	67	30-130	3	30
2,4,5-Trichlorophenol	ND	500	430	86	380	76	30-130	12	30
Pyridine	ND	1000	450	45	250	25		57	30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	92		82		10-120
2-Fluorobiphenyl	67		63		43-120
2-Fluorophenol	61		61		21-120
4-Terphenyl-d14	90		81		33-120
Nitrobenzene-d5	69		72		23-120
Phenol-d6	71		73		10-120

PCBS

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-01
Client ID: SP-D-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/07/07 12:53
Analyst: SS
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:00
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/03/07 15:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/06/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-02
Client ID: SP-D-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 10:13
Analyst: JB
Percent Solids: 74%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:05
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
Client ID: SP-D-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 10:41
Analyst: JB
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:10
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-04
Client ID: SP-D-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 11:10
Analyst: JB
Percent Solids: 77%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:15
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP PCBs by GC					
Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	95		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
Client ID: SP-E-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 11:39
Analyst: JB
Percent Solids: 78%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:30
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-06
Client ID: SP-E-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 12:07
Analyst: JB
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:35
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-07
Client ID: SP-E-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 12:36
Analyst: JB
Percent Solids: 76%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:40
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP PCBs by GC					
Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
Client ID: SP-E-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 08/08/07 13:04
Analyst: JB
Percent Solids: 74%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:45
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/07/07 21:00
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
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TCLP PCBs by GC

Aroclor 1016	ND		ug/l	2.50	1
Aroclor 1221	ND		ug/l	2.50	1
Aroclor 1232	ND		ug/l	2.50	1
Aroclor 1242	ND		ug/l	2.50	1
Aroclor 1248	ND		ug/l	2.50	1
Aroclor 1254	ND		ug/l	2.50	1
Aroclor 1260	ND		ug/l	2.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: NA SOIL 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082
Analytical Date: 08/06/07 23:12
Analyst: SS
TCLP Extraction Date: 08/01/07 17:00

Extraction Method: EPA 3510C
Extraction Date: 08/03/07 15:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/06/07

Parameter	Result	Qualifier	Units	RDL
TCLP PCBs by GC for sample(s): 01 Batch: WG289455-1				
Aroclor 1016	ND		ug/l	2.50
Aroclor 1221	ND		ug/l	2.50
Aroclor 1232	ND		ug/l	2.50
Aroclor 1242	ND		ug/l	2.50
Aroclor 1248	ND		ug/l	2.50
Aroclor 1254	ND		ug/l	2.50
Aroclor 1260	ND		ug/l	2.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082
 Analytical Date: 08/08/07 08:18
 Analyst: JB
 TCLP Extraction Date: 08/06/07 16:15

Extraction Method: EPA 3510C
 Extraction Date: 08/07/07 21:00
 Cleanup Method1: EPA 3665A
 Cleanup Date1: 08/08/07

Parameter	Result	Qualifier	Units	RDL
TCLP PCBs by GC for sample(s): 02-08 Batch: WG289864-1				
Aroclor 1016	ND		ug/l	2.50
Aroclor 1221	ND		ug/l	2.50
Aroclor 1232	ND		ug/l	2.50
Aroclor 1242	ND		ug/l	2.50
Aroclor 1248	ND		ug/l	2.50
Aroclor 1254	ND		ug/l	2.50
Aroclor 1260	ND		ug/l	2.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	96		30-150	A

**Matrix Spike Analysis
Batch Quality Control**

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery		
				%Recovery	MSD Found	%Recovery	Limits	RPD	RPD Limits	
TCLP PCBs by GC Associated sample(s): 01 QC Batch ID: WG289455-3 WG289455-4 QC Sample: L0710794-01 Client ID: SP-D-1-20070727-01										
Aroclor 1016	ND	15.6	13.2	84	14.1	90	40-140	7	30	
Aroclor 1260	ND	15.6	16.3	104	17.2	110	40-140	6	30	

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	73		79		30-150	A
Decachlorobiphenyl	57		57		30-150	A

**Matrix Spike Analysis
Batch Quality Control**

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP PCBs by GC Associated sample(s): 02-08 QC Batch ID: WG289864-3 WG289864-4 QC Sample: L0710794-03 Client ID: SP-D-3-20070727-01										
Aroclor 1016	ND	15.6	12.1	77	12.2	78	40-140	1	30	
Aroclor 1260	ND	15.6	16.1	103	15.9	102	40-140	1	30	

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	74		80		30-150	A
Decachlorobiphenyl	94		96		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP PCBs by GC Associated sample(s): 01 Batch: WG289455-2					
Aroclor 1016	97	-	40-140	-	
Aroclor 1260	121	-	40-140	-	

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86				30-150	A
Decachlorobiphenyl	72				30-150	A

TCLP PCBs by GC Associated sample(s): 02-08 Batch: WG289864-2					
Aroclor 1016	81	-	40-140	-	
Aroclor 1260	106	-	40-140	-	

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83				30-150	A
Decachlorobiphenyl	100				30-150	A

PESTICIDES

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-01
Client ID: SP-D-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 15:18
Analyst: JB
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:00
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-02 RE
Client ID: SP-D-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/07/07 12:23
Analyst: JB
Percent Solids: 74%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:05
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/06/07 13:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/07/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-03
Client ID: SP-D-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 16:15
Analyst: JB
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:10
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-04
Client ID: SP-D-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 16:44
Analyst: JB
Percent Solids: 77%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:15
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	55		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
Client ID: SP-E-1-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 17:13
Analyst: JB
Percent Solids: 78%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:30
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-06
Client ID: SP-E-2-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 17:41
Analyst: JB
Percent Solids: 75%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:35
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-07
Client ID: SP-E-3-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 18:39
Analyst: JB
Percent Solids: 76%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:40
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
Client ID: SP-E-4-20070727-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 1,8082/8081
Analytical Date: 08/04/07 19:08
Analyst: JB
Percent Solids: 74%
TCLP Extraction Date: 08/01/07 17:00

Date Collected: 07/27/07 09:45
Date Received: 07/27/07
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
TCLP Pesticides by GC					
Lindane	ND		ug/l	0.100	1
Heptachlor	ND		ug/l	0.100	1
Heptachlor epoxide	ND		ug/l	0.100	1
Endrin	ND		ug/l	0.200	1
Methoxychlor	ND		ug/l	1.00	1
Toxaphene	ND		ug/l	1.00	1
Chlordane	ND		ug/l	1.00	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: NA SOIL 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082/8081
Analytical Date: 08/04/07 13:23
Analyst: JB
TCLP Extraction Date: 08/01/07 17:00

Extraction Method: EPA 3510C
Extraction Date: 08/02/07 16:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/03/07

Parameter	Result	Qualifier	Units	RDL
TCLP Pesticides by GC for sample(s): 01,03-08 Batch: WG289350-1				
Lindane	ND		ug/l	0.100
Heptachlor	ND		ug/l	0.100
Heptachlor epoxide	ND		ug/l	0.100
Endrin	ND		ug/l	0.200
Methoxychlor	ND		ug/l	1.00
Toxaphene	ND		ug/l	1.00
Chlordane	ND		ug/l	1.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082/8081
 Analytical Date: 08/07/07 09:30
 Analyst: JB
 TCLP Extraction Date: 08/03/07 17:15

Extraction Method: EPA 3510C
 Extraction Date: 08/06/07 13:40
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 08/07/07

Parameter	Result	Qualifier	Units	RDL
TCLP Pesticides by GC for sample(s): 02 Batch: WG289644-1				
Lindane	ND		ug/l	0.100
Heptachlor	ND		ug/l	0.100
Heptachlor epoxide	ND		ug/l	0.100
Endrin	ND		ug/l	0.200
Methoxychlor	ND		ug/l	1.00
Toxaphene	ND		ug/l	1.00
Chlordane	ND		ug/l	1.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	55		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Pesticides by GC Associated sample(s): 01,03-08 Batch: WG289350-2					
Lindane	79	-	30-150	-	
Heptachlor	66	-	30-150	-	
Heptachlor epoxide	78	-	30-150	-	
Endrin	91	-	30-150	-	
Methoxychlor	74	-	30-150	-	

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55				30-150	A
Decachlorobiphenyl	59				30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Pesticides by GC Associated sample(s): 02 Batch: WG289644-2					
Lindane	62	-	30-150	-	
Heptachlor	54	-	30-150	-	
Heptachlor epoxide	66	-	30-150	-	
Endrin	74	-	30-150	-	
Methoxychlor	67	-	30-150	-	

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46				30-150	A
Decachlorobiphenyl	54				30-150	A

**Matrix Spike Analysis
Batch Quality Control**

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP Pesticides by GC Associated sample(s): 01,03-08 QC Batch ID: WG289350-3 WG289350-4 QC Sample: L0710794-01 Client ID: SP-D-1-20070727-01										
Lindane	ND	0.781	0.534	68	0.643	82		30-150	19	30
Heptachlor	ND	0.781	0.454	58	0.466	60		30-150	3	30
Heptachlor epoxide	ND	0.781	0.559	72	0.626	80		30-150	11	30
Endrin	ND	0.781	0.666	85	0.723	92		30-150	8	30
Methoxychlor	ND	0.781	0.561J	72	0.572J	73		30-150	1	30

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	57		52		30-150	A
Decachlorobiphenyl	58		57		30-150	A

**Matrix Spike Analysis
Batch Quality Control**

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS		MSD		Recovery Limits	RPD	RPD Limits
			MS Found	%Recovery	MSD Found	%Recovery			
TCLP Pesticides by GC Associated sample(s): 02 QC Batch ID: WG289644-3 WG289644-4 QC Sample: L0711139-01 Client ID: MS Sample									
Lindane	ND	0.781	0.419	54	0.523	67	30-150	21	30
Heptachlor	ND	0.781	0.384	49	0.477	61	30-150	22	30
Heptachlor epoxide	ND	0.781	0.424	54	0.512	66	30-150	20	30
Endrin	ND	0.781	0.461	59	0.555	71	30-150	18	30
Methoxychlor	ND	0.781	0.399J	51	0.48J	61	30-150	18	30

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	47		55		30-150	A
Decachlorobiphenyl	41		45		30-150	A

METALS



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/27/07 09:00
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:21	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:05	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 74%

Date Collected: 07/27/07 09:05
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:23	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:17	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-03
 Client ID: SP-D-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/27/07 09:10
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:25	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:19	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/27/07 09:15
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:30	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:22	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-05
 Client ID: SP-E-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/27/07 09:30
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:32	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:25	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/27/07 09:35
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:34	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:28	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/27/07 09:40
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:36	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG
Silver, TCLP	0.13		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:31	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Percent Solids: 74%

Date Collected: 07/27/07 09:45
 Date Received: 07/27/07
 Field Prep: Not Specified
 TCLP Extraction Date: 08/01/07 17:00

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals										
Arsenic, TCLP	ND		mg/l	1.0	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Barium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Cadmium, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Chromium, TCLP	ND		mg/l	0.20	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Lead, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Mercury, TCLP	ND		mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:38	EPA 7470A	1,7470A	DM
Selenium, TCLP	ND		mg/l	0.50	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG
Silver, TCLP	ND		mg/l	0.10	1	08/02/07 12:20	08/02/07 15:33	EPA 3015	1,6010B	MG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals for sample(s): 01-08 Batch: WG289277-3								
Arsenic, TCLP	ND	mg/l	1.0	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG
Barium, TCLP	ND	mg/l	0.50	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG
Cadmium, TCLP	ND	mg/l	0.10	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG
Chromium, TCLP	ND	mg/l	0.20	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG
Lead, TCLP	ND	mg/l	0.50	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG
Selenium, TCLP	ND	mg/l	0.50	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG

Prep Information

Digestion Method: EPA 3015
TCLP Extraction Date: 08/01/07 17:00

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals for sample(s): 01-08 Batch: WG289277-3								
Silver, TCLP	ND	mg/l	0.10	1	08/02/07 12:20	08/02/07 14:38	1,6010B	MG

Prep Information

Digestion Method: EPA 3015
TCLP Extraction Date: 08/01/07 17:00

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals for sample(s): 01-08 Batch: WG289437-4								
Mercury, TCLP	ND	mg/l	0.0010	1	08/02/07 17:00	08/03/07 10:08	1,7470A	DM

Prep Information

Digestion Method: EPA 7470A
TCLP Extraction Date: 08/01/07 17:00



Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals Associated sample(s): 01-08 Batch: WG289277-4					
Arsenic, TCLP	110	-	75-125	-	20
Barium, TCLP	98	-	75-125	-	20
Cadmium, TCLP	110	-	75-125	-	20
Chromium, TCLP	100	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	105	-	75-125	-	20
Silver, TCLP	110	-	75-125	-	20
TCLP Metals Associated sample(s): 01-08 Batch: WG289437-1					
Mercury, TCLP	101	-		-	

Matrix Spike Analysis Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
TCLP Metals Associated sample(s): 01-08 QC Batch ID: WG289277-2 QC Sample: L0710764-01 Client ID: MS Sample										
Arsenic, TCLP	ND	10	11	110	-	-	75-125	-	20	
Barium, TCLP	ND	100	100	100	-	-	75-125	-	20	
Cadmium, TCLP	ND	10	11	110	-	-	75-125	-	20	
Chromium, TCLP	ND	10	10	100	-	-	75-125	-	20	
Lead, TCLP	0.72	10	11	103	-	-	75-125	-	20	
Selenium, TCLP	ND	20	22	110	-	-	75-125	-	20	
Silver, TCLP	ND	10	11	110	-	-	75-125	-	20	
TCLP Metals Associated sample(s): 01-08 QC Batch ID: WG289437-2 QC Sample: L0710792-02 Client ID: MS Sample										
Mercury, TCLP	0.0011	0.005	0.0067	113	-	-		-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals Associated sample(s): 01-08 QC Batch ID: WG289277-1 QC Sample: L0710764-01 Client ID: DUP Sample					
Lead, TCLP	0.72	0.71	mg/l	1	20
TCLP Metals Associated sample(s): 01-08 QC Batch ID: WG289437-3 QC Sample: L0710792-02 Client ID: DUP Sample					
Mercury, TCLP	0.0011	0.0011	mg/l	0	

INORGANICS & MISCELLANEOUS

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:00
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Damp Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:05
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Wet Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-03
 Client ID: SP-D-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:10
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Damp Clay
 Particle Size: Coarse
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:15
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Damp Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007**Lab Number:** L0710794**Project Number:** 0051545**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-05
 Client ID: SP-E-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:30
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Dry Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:35
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Damp Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:40
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Dry Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007**Project Number:** 0051545**Lab Number:** L0710794**Report Date:** 08/09/07**SAMPLE RESULTS**

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:45
 Date Received: 07/27/07
 Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
 Description of Material: Non-Metallic - Damp Clay
 Particle Size: Medium
 Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids				
Ignitability	NI	07/31/07 23:20	1,1030	TH



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-01
 Client ID: SP-D-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:00
 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	75		%	0.10	1	-	07/30/07 17:00	30,2540G	NM
pH	5.8		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-02
 Client ID: SP-D-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:05
 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 17:00	30,2540G	NM
pH	6.1		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-03
 Client ID: SP-D-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:10
 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	75		%	0.10	1	-	07/30/07 17:00	30,2540G	NM
pH	7.2		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-04
 Client ID: SP-D-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:15
 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 17:00	30,2540G	NM
pH	7.2		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-05
 Client ID: SP-E-1-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:30
 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 17:00	30,2540G	NM
pH	6.7		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-06
 Client ID: SP-E-2-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:35
 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	75		%	0.10	1	-	07/30/07 17:00	30,2540G	NM
pH	6.8		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-07
 Client ID: SP-E-3-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:40
 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 17:00	30,2540G	NM
pH	7.0		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-08
 Client ID: SP-E-4-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 09:45
 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 17:00	30,2540G	NM
pH	7.0		SU	-	1	-	08/01/07 18:55	1,9045C	LR
Cyanide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG
Sulfide, Reactive	ND		mg/kg	10	1	-	08/02/07 16:30	1,7.3	HG



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

SAMPLE RESULTS

Lab ID: L0710794-09
 Client ID: DUP-001-20070727-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/27/07 00:00
 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	75		%	0.10	1	-	07/30/07 17:00	30,2540G	NM



Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

**Method Blank Analysis
Batch Quality Control**

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry for sample(s): 01-08 Batch: WG289311-1								
Cyanide, Reactive	ND	mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG
General Chemistry for sample(s): 01-08 Batch: WG289312-1								
Sulfide, Reactive	ND	mg/kg	9.0	.9	-	08/02/07 16:30	1,7.3	HG

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Associated sample(s): 01-08 Batch: WG289202-1					
pH	100	-		-	
Associated sample(s): 01-08 Batch: WG289311-2					
Cyanide, Reactive	48	-	30-125	-	40
Associated sample(s): 01-08 Batch: WG289312-2					
Sulfide, Reactive	89	-	60-125	-	40

Lab Duplicate Analysis

Batch Quality Control

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-08 QC Batch ID: WG288827-1 QC Sample: L0710771-01 Client ID: DUP Sample					
Solids, Total	93	93	%	0	20
Associated sample(s): 09 QC Batch ID: WG288981-1 QC Sample: L0709434-84 Client ID: DUP Sample					
Solids, Total	93	93	%	0	20
Associated sample(s): 01-08 QC Batch ID: WG289202-2 QC Sample: L0710794-08 Client ID: SP-E-4-20070727-01					
pH	7.0	7.0	SU	0	
Associated sample(s): 01-08 QC Batch ID: WG289311-3 QC Sample: L0710794-08 Client ID: SP-E-4-20070727-01					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
Associated sample(s): 01-08 QC Batch ID: WG289312-3 QC Sample: L0710794-08 Client ID: SP-E-4-20070727-01					
Sulfide, Reactive	ND	ND	mg/kg	NC	40

Project Name: NA SOIL 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

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
L0710794-01A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-01B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-01C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-01D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-01E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-01F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-01G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-01K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-01L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-02A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-02B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-02C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-02D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-02E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-02F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-02G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-02K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-02L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-03A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-03B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-03C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-03D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-03E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-03F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-03G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-03K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0710794-03L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-04A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-04B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-04C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-04D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-04E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-04F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-04G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-04K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-04L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-05A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-05B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-05C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-05D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-05E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-05F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-05G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-05K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-05L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-06A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-06B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-06C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-06D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-06E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-06F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-06G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-06K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-06L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-07A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-07B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-07C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA

Project Name: NA SOIL 2007

Project Number: 0051545

Lab Number: L0710794

Report Date: 08/09/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0710794-07D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-07E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-07F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-07G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-07K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-07L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-08A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-08B	Vial MeOH preserved split	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-08C	Vial Large unpreserved	A	N/A	2 C	Y	Absent	TCLP-EXT-ZHE,TCLP-VOA
L0710794-08D	Plastic 2oz unpreserved for TS	A	N/A	2 C	Y	Absent	TS
L0710794-08E	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	IGNIT-1030,PH-9045,REACTCN,REACTS
L0710794-08F	Amber 250ml unpreserved	A	N/A	2 C	Y	Absent	-
L0710794-08G	Plastic 250ml HNO3 preserved spl	A	<2	2 C	Y	Absent	AG-CI,AS-CI,BA-CI,CD-CI,CR-CI,HG-C,PB-CI,SE-CI
L0710794-08K	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-08L	Amber 1000ml unpreserved split	A	=7	2 C	Y	Absent	PEST-TCLP*,TCLP-ABN,TCLP-PCB
L0710794-09A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04
L0710794-10A	Vial water preserved	A	N/A	2 C	Y	Absent	MCP-8260LW-04

Project Name: NA SOIL 2007
Project Number: 0051545

Lab Number: L0710794
Report Date: 08/09/07

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 2007

Lab Number: L0710794

Project Number: 0051545

Report Date: 08/09/07

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 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.



CHAIN OF CUSTODY

PAGE 1 OF 2

Date Recd in Lab: 7/27

ALPHA Job #: LO 2-10 7-94

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

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

Client: **ERM-BOSTON**

Project Name: **VA Soil Excavation**

Report Information - Data Deliverables

Billing Information

Address: **394 BOSTON ST 6TH FLOOR
 BOSTON, MA 02116**

Project Location: **RAYNHAM MA**

Project Manager: **JASON FLATTERY**

State/Fed Program: **MA MSCP**

Phone: **(617) 646-7800**

Project Manager: **JASON FLATTERY**

Criteria: **S2-GW-1**

Fax: **(617) 267-6447**

Turn-Around Time

Regulatory Requirements/Report Limits

Email: **Jason.Flattery@erm.com**

Project Manager: **JASON FLATTERY**

Criteria: **S2-GW-1**

Other Project Specific Requirements/Comments/Detection Limits:
PLEASE RUN TOTAL SOLIDS FOR ALL SAMPLES

ALPHA Lab ID (Lab Use Only)

ANALYSIS
 PH, REACTIVITY, FLASH, TCLP, PCBs, SVOCs, PEST. HERB.
 TCLP VOA (8260)
 TCLP A, B, C, D, P, H, S, SA
 VOCs (LOW) (8260)
 TOTAL SOLIDS
 SAMPLE HANDLING
 Filtration Done Not needed
 Lab to do Preservation Lab to do
 (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type		Preservative		Date/Time	Date/Time	Sample Specific Comments
		Date	Time			Moisture	Moisture	Moisture	Moisture			
10794.1	SP-D-1-20070727-01	7/27/07	09:00	S	JDF	G	G	47	V	P		
2	SP-D-2-20070727-01	7/27/07	09:05	S	JDF	G	G	47	V	P		
3	SP-D-3-20070727-01	7/27/07	09:10	S	JDF	G	G	47	V	P		
4	SP-D-4-20070727-01	7/27/07	09:15	S	JDF	G	G	47	V	P		
5	SP-E-1-20070727-01	7/27/07	09:30	S	JDF	G	G	47	V	P		
6	SP-E-2-20070727-01	7/27/07	09:35	S	JDF	G	G	47	V	P		
7	SP-E-3-20070727-01	7/27/07	09:40	S	JDF	G	G	47	V	P		
8	SP-E-4-20070727-01	7/27/07	09:45	S	JDF	G	G	47	V	P		
9	DWP-001-20070727-01	7/27/07	24:00	S	JDF	G	G	47	V	P		

PLEASE ANSWER QUESTIONS ABOVE!

Retrievished By: [Signature]

Received By: [Signature]

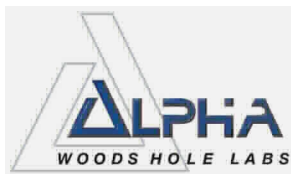
Date/Time: 7/27-15:00

IS YOUR PROJECT MA MCP or CT RCP?

MA MCP CT RCP

Regulatory Requirements/Report Limits

Criteria: **S2-GW-1**



ANALYTICAL REPORT

Lab Number: L0709806

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

ATTN: Jason Flattery

Project Name: NA EXCAVATION

Project Number: 0051545

Report Date: 07/17/07

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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

Alpha Sample ID	Client ID	Sample Location
L0709806-01	SP-A1-20070711-01	RAYTHEON WAYLAND
L0709806-02	SP-A2-20070711-01	RAYTHEON WAYLAND
L0709806-03	SP-A3-20070711-01	RAYTHEON WAYLAND
L0709806-04	SP-A4-20070711-01	RAYTHEON WAYLAND
L0709806-05	SP-A5-20070711-01	RAYTHEON WAYLAND
L0709806-06	SP-A6-20070711-01	RAYTHEON WAYLAND
L0709806-07	SP-B1-20070711-01	RAYTHEON WAYLAND
L0709806-08	SP-B2-20070711-01	RAYTHEON WAYLAND
L0709806-09	SP-B3-20070711-01	RAYTHEON WAYLAND
L0709806-10	SP-B4-20070711-01	RAYTHEON WAYLAND
L0709806-11	SP-B5-20070711-01	RAYTHEON WAYLAND
L0709806-12	SP-B6-20070711-01	RAYTHEON WAYLAND
L0709806-13	SP-C1-20070711-01	RAYTHEON WAYLAND
L0709806-14	SP-C2-20070711-01	RAYTHEON WAYLAND
L0709806-15	SP-C3-20070711-01	RAYTHEON WAYLAND
L0709806-16	SP-C4-20070711-01	RAYTHEON WAYLAND
L0709806-17	SP-C5-20070711-01	RAYTHEON WAYLAND
L0709806-18	SP-C6-20070711-01	RAYTHEON WAYLAND
L0709806-19	TB-001-20070711-01	RAYTHEON WAYLAND

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

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?	NA
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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

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

L0709806-01 to 12 were processed against calibration curve, that utilized a quadratic fit for Acetone and L0709806-13 to 19 were processed against calibration curve, that utilized a quadratic fit for acetone, 2,2-Dichloropropane and Hexachlorobutadiene.

In reference to question E:

The WG287165-1 LCS has high recoveries for 4-Methyl-2-pentanone, 2-Hexanone, both difficult analytes, and 1,2,3-Trichloropropane, but is within overall method allowances.

The WG287336-1, 2 LCS, LCSD have high recoveries for Dichlorodifluoromethane, Chloromethane, and low recoveries for Bromomethane and 2,2-Dichloropropane, all difficult analytes, but are 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: 07/17/07

ORGANICS

VOLATILES

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-01
Client ID: SP-A1-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 13:19
Analyst: PD
Percent Solids: 90%

Date Collected: 07/11/07 12:00
Date Received: 07/11/07
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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-01

Date Collected: 07/11/07 12:00

Client ID: SP-A1-20070711-01

Date Received: 07/11/07

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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-01

Date Collected: 07/11/07 12:00

Client ID: SP-A1-20070711-01

Date Received: 07/11/07

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	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	103		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-02
 Client ID: SP-A2-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 13:57
 Analyst: PD
 Percent Solids: 89%

Date Collected: 07/11/07 12:07
 Date Received: 07/11/07
 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
1,1,2-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	5.1	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	ND		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-02
 Client ID: SP-A2-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:07
 Date Received: 07/11/07
 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	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	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-02
 Client ID: SP-A2-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:07
 Date Received: 07/11/07
 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	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-03
 Client ID: SP-A3-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 14:36
 Analyst: PD
 Percent Solids: 88%

Date Collected: 07/11/07 12:11
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	9.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	1
Chloroform	ND		ug/kg	1.4	1
Carbon tetrachloride	ND		ug/kg	0.96	1
1,2-Dichloropropane	ND		ug/kg	3.4	1
Dibromochloromethane	ND		ug/kg	0.96	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	1
Tetrachloroethene	1.4		ug/kg	0.96	1
Chlorobenzene	ND		ug/kg	0.96	1
Trichlorofluoromethane	ND		ug/kg	4.8	1
1,2-Dichloroethane	ND		ug/kg	0.96	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	1
Bromodichloromethane	ND		ug/kg	0.96	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	1
1,1-Dichloropropene	ND		ug/kg	4.8	1
Bromoform	ND		ug/kg	3.8	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	1
Benzene	ND		ug/kg	0.96	1
Toluene	ND		ug/kg	1.4	1
Ethylbenzene	ND		ug/kg	0.96	1
Chloromethane	ND		ug/kg	4.8	1
Bromomethane	ND		ug/kg	1.9	1
Vinyl chloride	ND		ug/kg	1.9	1
Chloroethane	ND		ug/kg	1.9	1
1,1-Dichloroethene	ND		ug/kg	0.96	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	1
Trichloroethene	ND		ug/kg	0.96	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-03
 Client ID: SP-A3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:11
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.8	1
Methyl tert butyl ether	ND		ug/kg	1.9	1
p/m-Xylene	ND		ug/kg	1.9	1
o-Xylene	ND		ug/kg	1.9	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	1
Dibromomethane	ND		ug/kg	9.6	1
1,2,3-Trichloropropane	ND		ug/kg	9.6	1
Styrene	ND		ug/kg	1.9	1
Dichlorodifluoromethane	ND		ug/kg	9.6	1
Acetone	24		ug/kg	9.6	1
Carbon disulfide	ND		ug/kg	48	1
2-Butanone	ND		ug/kg	9.6	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1
2-Hexanone	ND		ug/kg	9.6	1
Bromochloromethane	ND		ug/kg	4.8	1
Tetrahydrofuran	ND		ug/kg	19	1
2,2-Dichloropropane	ND		ug/kg	4.8	1
1,2-Dibromoethane	ND		ug/kg	3.8	1
1,3-Dichloropropane	ND		ug/kg	4.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	1
Bromobenzene	ND		ug/kg	4.8	1
n-Butylbenzene	ND		ug/kg	0.96	1
sec-Butylbenzene	ND		ug/kg	0.96	1
tert-Butylbenzene	ND		ug/kg	4.8	1
o-Chlorotoluene	ND		ug/kg	4.8	1
p-Chlorotoluene	ND		ug/kg	4.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1
Hexachlorobutadiene	ND		ug/kg	4.8	1
Isopropylbenzene	ND		ug/kg	0.96	1
p-Isopropyltoluene	ND		ug/kg	0.96	1
Naphthalene	ND		ug/kg	4.8	1
n-Propylbenzene	ND		ug/kg	0.96	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	1
Ethyl ether	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-03
 Client ID: SP-A3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:11
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.8	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.8	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.8	1
1,4-Dioxane	ND		ug/kg	480	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-04
Client ID: SP-A4-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 15:14
Analyst: PD
Percent Solids: 87%

Date Collected: 07/11/07 12:16
Date Received: 07/11/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	9.7	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	0.97	1
1,2-Dichloropropane	ND		ug/kg	3.4	1
Dibromochloromethane	ND		ug/kg	0.97	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	ND		ug/kg	0.97	1
Chlorobenzene	ND		ug/kg	0.97	1
Trichlorofluoromethane	ND		ug/kg	4.9	1
1,2-Dichloroethane	ND		ug/kg	0.97	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	1
Bromodichloromethane	ND		ug/kg	0.97	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	1
1,1-Dichloropropene	ND		ug/kg	4.9	1
Bromoform	ND		ug/kg	3.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	1
Benzene	ND		ug/kg	0.97	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	0.97	1
Chloromethane	ND		ug/kg	4.9	1
Bromomethane	ND		ug/kg	1.9	1
Vinyl chloride	ND		ug/kg	1.9	1
Chloroethane	ND		ug/kg	1.9	1
1,1-Dichloroethene	ND		ug/kg	0.97	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	ND		ug/kg	0.97	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	1

Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-04
 Client ID: SP-A4-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:16
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.9	1
Methyl tert butyl ether	ND		ug/kg	1.9	1
p/m-Xylene	ND		ug/kg	1.9	1
o-Xylene	ND		ug/kg	1.9	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	1
Dibromomethane	ND		ug/kg	9.7	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	1
Styrene	ND		ug/kg	1.9	1
Dichlorodifluoromethane	ND		ug/kg	9.7	1
Acetone	ND		ug/kg	9.7	1
Carbon disulfide	ND		ug/kg	49	1
2-Butanone	ND		ug/kg	9.7	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1
2-Hexanone	ND		ug/kg	9.7	1
Bromochloromethane	ND		ug/kg	4.9	1
Tetrahydrofuran	ND		ug/kg	19	1
2,2-Dichloropropane	ND		ug/kg	4.9	1
1,2-Dibromoethane	ND		ug/kg	3.9	1
1,3-Dichloropropane	ND		ug/kg	4.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	1
Bromobenzene	ND		ug/kg	4.9	1
n-Butylbenzene	ND		ug/kg	0.97	1
sec-Butylbenzene	ND		ug/kg	0.97	1
tert-Butylbenzene	ND		ug/kg	4.9	1
o-Chlorotoluene	ND		ug/kg	4.9	1
p-Chlorotoluene	ND		ug/kg	4.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	1
Hexachlorobutadiene	ND		ug/kg	4.9	1
Isopropylbenzene	ND		ug/kg	0.97	1
p-Isopropyltoluene	ND		ug/kg	0.97	1
Naphthalene	ND		ug/kg	4.9	1
n-Propylbenzene	ND		ug/kg	0.97	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	1
Ethyl ether	ND		ug/kg	4.9	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-04
 Client ID: SP-A4-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:16
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.9	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.9	1
1,4-Dioxane	ND		ug/kg	490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-05
Client ID: SP-A5-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 15:53
Analyst: PD
Percent Solids: 89%

Date Collected: 07/11/07 12:21
Date Received: 07/11/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	9.8	1
1,1-Dichloroethane	ND		ug/kg	1.5	1
Chloroform	ND		ug/kg	1.5	1
Carbon tetrachloride	ND		ug/kg	0.98	1
1,2-Dichloropropane	ND		ug/kg	3.4	1
Dibromochloromethane	ND		ug/kg	0.98	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	1
Tetrachloroethene	ND		ug/kg	0.98	1
Chlorobenzene	ND		ug/kg	0.98	1
Trichlorofluoromethane	ND		ug/kg	4.9	1
1,2-Dichloroethane	ND		ug/kg	0.98	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	1
Bromodichloromethane	ND		ug/kg	0.98	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	1
1,1-Dichloropropene	ND		ug/kg	4.9	1
Bromoform	ND		ug/kg	3.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	1
Benzene	ND		ug/kg	0.98	1
Toluene	ND		ug/kg	1.5	1
Ethylbenzene	ND		ug/kg	0.98	1
Chloromethane	ND		ug/kg	4.9	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	0.98	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	1
Trichloroethene	ND		ug/kg	0.98	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	1

Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-05
 Client ID: SP-A5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:21
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.9	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	0.98	1
Dibromomethane	ND		ug/kg	9.8	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	1
Styrene	ND		ug/kg	2.0	1
Dichlorodifluoromethane	ND		ug/kg	9.8	1
Acetone	ND		ug/kg	9.8	1
Carbon disulfide	ND		ug/kg	49	1
2-Butanone	ND		ug/kg	9.8	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1
2-Hexanone	ND		ug/kg	9.8	1
Bromochloromethane	ND		ug/kg	4.9	1
Tetrahydrofuran	ND		ug/kg	20	1
2,2-Dichloropropane	ND		ug/kg	4.9	1
1,2-Dibromoethane	ND		ug/kg	3.9	1
1,3-Dichloropropane	ND		ug/kg	4.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	1
Bromobenzene	ND		ug/kg	4.9	1
n-Butylbenzene	ND		ug/kg	0.98	1
sec-Butylbenzene	ND		ug/kg	0.98	1
tert-Butylbenzene	ND		ug/kg	4.9	1
o-Chlorotoluene	ND		ug/kg	4.9	1
p-Chlorotoluene	ND		ug/kg	4.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	1
Hexachlorobutadiene	ND		ug/kg	4.9	1
Isopropylbenzene	ND		ug/kg	0.98	1
p-Isopropyltoluene	ND		ug/kg	0.98	1
Naphthalene	ND		ug/kg	4.9	1
n-Propylbenzene	ND		ug/kg	0.98	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	1
Ethyl ether	ND		ug/kg	4.9	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-05
 Client ID: SP-A5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:21
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.9	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.9	1
1,4-Dioxane	ND		ug/kg	490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	110		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-06
 Client ID: SP-A6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 16:32
 Analyst: PD
 Percent Solids: 89%

Date Collected: 07/11/07 12:25
 Date Received: 07/11/07
 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	5.0		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	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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-06
 Client ID: SP-A6-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 12:25
 Date Received: 07/11/07
 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	23		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-06

Date Collected: 07/11/07 12:25

Client ID: SP-A6-20070711-01

Date Received: 07/11/07

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	4.0	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	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	90		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-07
Client ID: SP-B1-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 07/16/07 17:11
Analyst: PD
Percent Solids: 83%

Date Collected: 07/11/07 13:20
Date Received: 07/11/07
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	46		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	110		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-07
 Client ID: SP-B1-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:20
 Date Received: 07/11/07
 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	70		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	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-07
 Client ID: SP-B1-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:20
 Date Received: 07/11/07
 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	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	105		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-08
Client ID: SP-B2-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 17:49
Analyst: PD
Percent Solids: 83%

Date Collected: 07/11/07 13:40
Date Received: 07/11/07
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	42		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	50		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-08
 Client ID: SP-B2-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:40
 Date Received: 07/11/07
 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	48		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	46		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-08
 Client ID: SP-B2-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:40
 Date Received: 07/11/07
 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	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-09
Client ID: SP-B3-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 18:28
Analyst: PD
Percent Solids: 81%

Date Collected: 07/11/07 13:42
Date Received: 07/11/07
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	120		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	39		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-09
 Client ID: SP-B3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:42
 Date Received: 07/11/07
 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	62		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	14		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-09
 Client ID: SP-B3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:42
 Date Received: 07/11/07
 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	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-10
 Client ID: SP-B4-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 19:06
 Analyst: PD
 Percent Solids: 82%

Date Collected: 07/11/07 13:44
 Date Received: 07/11/07
 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	4.8		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	4.4	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	5.4	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	4.3		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-10
 Client ID: SP-B4-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:44
 Date Received: 07/11/07
 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	5.0		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	4.4	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-10
 Client ID: SP-B4-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:44
 Date Received: 07/11/07
 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	540	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-11
 Client ID: SP-B5-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 19:45
 Analyst: PD
 Percent Solids: 81%

Date Collected: 07/11/07 13:46
 Date Received: 07/11/07
 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	6.7		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	27		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-11
 Client ID: SP-B5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:46
 Date Received: 07/11/07
 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	23		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-11
 Client ID: SP-B5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:46
 Date Received: 07/11/07
 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	91		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	86		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-12
 Client ID: SP-B6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 20:23
 Analyst: PD
 Percent Solids: 83%

Date Collected: 07/11/07 13:45
 Date Received: 07/11/07
 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	88		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	220		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-12
 Client ID: SP-B6-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:45
 Date Received: 07/11/07
 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	130		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	25		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-12

Date Collected: 07/11/07 13:45

Client ID: SP-B6-20070711-01

Date Received: 07/11/07

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	112		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	104		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-13
Client ID: SP-C1-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 07/16/07 17:59
Analyst: BT
Percent Solids: 82%

Date Collected: 07/11/07 13:54
Date Received: 07/11/07
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	4.3	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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-13
 Client ID: SP-C1-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:54
 Date Received: 07/11/07
 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	4.3	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-13
 Client ID: SP-C1-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 13:54
 Date Received: 07/11/07
 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	530	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-14
 Client ID: SP-C2-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 18:35
 Analyst: BT
 Percent Solids: 83%

Date Collected: 07/11/07 14:02
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	9.7	1
1,1-Dichloroethane	ND		ug/kg	1.4	1
Chloroform	ND		ug/kg	1.4	1
Carbon tetrachloride	ND		ug/kg	0.97	1
1,2-Dichloropropane	ND		ug/kg	3.4	1
Dibromochloromethane	ND		ug/kg	0.97	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	1
Tetrachloroethene	ND		ug/kg	0.97	1
Chlorobenzene	ND		ug/kg	0.97	1
Trichlorofluoromethane	ND		ug/kg	4.8	1
1,2-Dichloroethane	ND		ug/kg	0.97	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	1
Bromodichloromethane	ND		ug/kg	0.97	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	1
1,1-Dichloropropene	ND		ug/kg	4.8	1
Bromoform	ND		ug/kg	3.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	1
Benzene	ND		ug/kg	0.97	1
Toluene	ND		ug/kg	1.4	1
Ethylbenzene	ND		ug/kg	0.97	1
Chloromethane	ND		ug/kg	4.8	1
Bromomethane	ND		ug/kg	1.9	1
Vinyl chloride	ND		ug/kg	1.9	1
Chloroethane	ND		ug/kg	1.9	1
1,1-Dichloroethene	ND		ug/kg	0.97	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	1
Trichloroethene	ND		ug/kg	0.97	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-14
 Client ID: SP-C2-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:02
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.8	1
Methyl tert butyl ether	ND		ug/kg	1.9	1
p/m-Xylene	ND		ug/kg	1.9	1
o-Xylene	ND		ug/kg	1.9	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	1
Dibromomethane	ND		ug/kg	9.7	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	1
Styrene	ND		ug/kg	1.9	1
Dichlorodifluoromethane	ND		ug/kg	9.7	1
Acetone	ND		ug/kg	9.7	1
Carbon disulfide	ND		ug/kg	48	1
2-Butanone	ND		ug/kg	9.7	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1
2-Hexanone	ND		ug/kg	9.7	1
Bromochloromethane	ND		ug/kg	4.8	1
Tetrahydrofuran	ND		ug/kg	19	1
2,2-Dichloropropane	ND		ug/kg	4.8	1
1,2-Dibromoethane	ND		ug/kg	3.9	1
1,3-Dichloropropane	ND		ug/kg	4.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	1
Bromobenzene	ND		ug/kg	4.8	1
n-Butylbenzene	ND		ug/kg	0.97	1
sec-Butylbenzene	ND		ug/kg	0.97	1
tert-Butylbenzene	ND		ug/kg	4.8	1
o-Chlorotoluene	ND		ug/kg	4.8	1
p-Chlorotoluene	ND		ug/kg	4.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1
Hexachlorobutadiene	ND		ug/kg	4.8	1
Isopropylbenzene	ND		ug/kg	0.97	1
p-Isopropyltoluene	ND		ug/kg	0.97	1
Naphthalene	ND		ug/kg	4.8	1
n-Propylbenzene	ND		ug/kg	0.97	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	1
Ethyl ether	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-14

Date Collected: 07/11/07 14:02

Client ID: SP-C2-20070711-01

Date Received: 07/11/07

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	3.9	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.9	1
1,4-Dioxane	ND		ug/kg	480	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-15
Client ID: SP-C3-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 07/16/07 19:10
Analyst: BT
Percent Solids: 82%

Date Collected: 07/11/07 14:04
Date Received: 07/11/07
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Methylene chloride	ND		ug/kg	9.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	1
Chloroform	ND		ug/kg	1.4	1
Carbon tetrachloride	ND		ug/kg	0.95	1
1,2-Dichloropropane	ND		ug/kg	3.3	1
Dibromochloromethane	ND		ug/kg	0.95	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	1
Tetrachloroethene	ND		ug/kg	0.95	1
Chlorobenzene	ND		ug/kg	0.95	1
Trichlorofluoromethane	ND		ug/kg	4.8	1
1,2-Dichloroethane	ND		ug/kg	0.95	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	1
Bromodichloromethane	ND		ug/kg	0.95	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	1
1,1-Dichloropropene	ND		ug/kg	4.8	1
Bromoform	ND		ug/kg	3.8	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	1
Benzene	ND		ug/kg	0.95	1
Toluene	ND		ug/kg	1.4	1
Ethylbenzene	ND		ug/kg	0.95	1
Chloromethane	ND		ug/kg	4.8	1
Bromomethane	ND		ug/kg	1.9	1
Vinyl chloride	ND		ug/kg	1.9	1
Chloroethane	ND		ug/kg	1.9	1
1,1-Dichloroethene	ND		ug/kg	0.95	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	1
Trichloroethene	ND		ug/kg	0.95	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-15
 Client ID: SP-C3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:04
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	4.8	1
Methyl tert butyl ether	ND		ug/kg	1.9	1
p/m-Xylene	ND		ug/kg	1.9	1
o-Xylene	ND		ug/kg	1.9	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	1
Dibromomethane	ND		ug/kg	9.5	1
1,2,3-Trichloropropane	ND		ug/kg	9.5	1
Styrene	ND		ug/kg	1.9	1
Dichlorodifluoromethane	ND		ug/kg	9.5	1
Acetone	ND		ug/kg	9.5	1
Carbon disulfide	ND		ug/kg	48	1
2-Butanone	ND		ug/kg	9.5	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1
2-Hexanone	ND		ug/kg	9.5	1
Bromochloromethane	ND		ug/kg	4.8	1
Tetrahydrofuran	ND		ug/kg	19	1
2,2-Dichloropropane	ND		ug/kg	4.8	1
1,2-Dibromoethane	ND		ug/kg	3.8	1
1,3-Dichloropropane	ND		ug/kg	4.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	1
Bromobenzene	ND		ug/kg	4.8	1
n-Butylbenzene	ND		ug/kg	0.95	1
sec-Butylbenzene	ND		ug/kg	0.95	1
tert-Butylbenzene	ND		ug/kg	4.8	1
o-Chlorotoluene	ND		ug/kg	4.8	1
p-Chlorotoluene	ND		ug/kg	4.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1
Hexachlorobutadiene	ND		ug/kg	4.8	1
Isopropylbenzene	ND		ug/kg	0.95	1
p-Isopropyltoluene	ND		ug/kg	0.95	1
Naphthalene	ND		ug/kg	4.8	1
n-Propylbenzene	ND		ug/kg	0.95	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	1
Ethyl ether	ND		ug/kg	4.8	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-15
 Client ID: SP-C3-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:04
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	3.8	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.8	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.8	1
1,4-Dioxane	ND		ug/kg	480	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-16
Client ID: SP-C4-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Anaytical Method: 60,8260B
Analytical Date: 07/16/07 19:46
Analyst: BT
Percent Solids: 86%

Date Collected: 07/11/07 14:06
Date Received: 07/11/07
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	4.6	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	1.2		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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-16
 Client ID: SP-C4-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:06
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	5.8	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	1.7		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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-16

Date Collected: 07/11/07 14:06

Client ID: SP-C4-20070711-01

Date Received: 07/11/07

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	111		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-17
Client ID: SP-C5-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 07/16/07 20:21
Analyst: BT
Percent Solids: 78%

Date Collected: 07/11/07 14:08
Date Received: 07/11/07
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	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.4	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.3	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	6.3	1
Bromoform	ND		ug/kg	5.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.2	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	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	1.2		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	1

Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-17
 Client ID: SP-C5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:08
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
1,4-Dichlorobenzene	ND		ug/kg	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	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	ND		ug/kg	12	1
Carbon disulfide	ND		ug/kg	63	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	6.3	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.3	1
1,2-Dibromoethane	ND		ug/kg	5.0	1
1,3-Dichloropropane	ND		ug/kg	6.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.3	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	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	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-17
 Client ID: SP-C5-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:08
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B/5035-Low					
Isopropyl Ether	ND		ug/kg	5.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.0	1
1,4-Dioxane	ND		ug/kg	630	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	98		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-18
 Client ID: SP-C6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 20:57
 Analyst: BT
 Percent Solids: 79%

Date Collected: 07/11/07 14:07
 Date Received: 07/11/07
 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	2.1	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	5.4	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	1

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-18
 Client ID: SP-C6-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/11/07 14:07
 Date Received: 07/11/07
 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	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	1.2		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	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	21	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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-18

Date Collected: 07/11/07 14:07

Client ID: SP-C6-20070711-01

Date Received: 07/11/07

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	112		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-19
 Client ID: TB-001-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil
 Analytical Method: 60,8260B
 Analytical Date: 07/16/07 21:32
 Analyst: BT
 Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 07/09/07 11:05
 Date Received: 07/11/07
 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	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
1,1,2,2-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	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 EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-19
 Client ID: TB-001-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/09/07 11:05
 Date Received: 07/11/07
 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 EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-19
 Client ID: TB-001-20070711-01
 Sample Location: RAYTHEON WAYLAND

Date Collected: 07/09/07 11:05
 Date Received: 07/11/07
 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	116		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-12 Batch: WG287165-3				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-12 Batch: WG287165-3				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 01-12 Batch: WG287165-3				
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	96		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	91		70-130

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 16:22
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 13-19 Batch: WG287336-3				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 16:22
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 13-19 Batch: WG287336-3				
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 EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 07/16/07 16:22
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B/5035-Low for sample(s): 13-19 Batch: WG287336-3				
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	111		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-12 Batch: WG287165-1 WG287165-2					
Methylene chloride	115	109	70-130	5	25
1,1-Dichloroethane	114	108	70-130	5	25
Chloroform	115	109	70-130	5	25
Carbon tetrachloride	111	108	70-130	3	25
1,2-Dichloropropane	115	109	70-130	5	25
Dibromochloromethane	119	105	70-130	13	25
1,1,2-Trichloroethane	123	110	70-130	11	25
Tetrachloroethene	119	113	70-130	5	25
Chlorobenzene	117	106	70-130	10	25
Trichlorofluoromethane	118	118	70-130	0	25
1,2-Dichloroethane	122	111	70-130	9	25
1,1,1-Trichloroethane	120	112	70-130	7	25
Bromodichloromethane	126	119	70-130	6	25
trans-1,3-Dichloropropene	112	101	70-130	10	25
cis-1,3-Dichloropropene	110	99	70-130	11	25
1,1-Dichloropropene	117	114	70-130	3	25
Bromoform	130	112	70-130	15	50
1,1,2,2-Tetrachloroethane	122	110	70-130	10	25
Benzene	115	108	70-130	6	25
Toluene	113	105	70-130	7	25
Ethylbenzene	119	110	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-12 Batch: WG287165-1 WG287165-2					
Chloromethane	118	111	70-130	6	50
Bromomethane	102	98	70-130	4	50
Vinyl chloride	117	115	70-130	2	25
Chloroethane	120	114	70-130	5	25
1,1-Dichloroethene	116	113	70-130	3	25
trans-1,2-Dichloroethene	113	106	70-130	6	25
Trichloroethene	114	111	70-130	3	25
1,2-Dichlorobenzene	111	105	70-130	6	25
1,3-Dichlorobenzene	112	107	70-130	5	25
1,4-Dichlorobenzene	114	106	70-130	7	25
Methyl tert butyl ether	112	103	70-130	8	25
p/m-Xylene	119	111	70-130	7	25
o-Xylene	120	111	70-130	8	25
cis-1,2-Dichloroethene	109	110	70-130	1	25
Dibromomethane	118	112	70-130	5	25
1,2,3-Trichloropropane	136	124	70-130	9	25
Styrene	115	104	70-130	10	25
Dichlorodifluoromethane	126	129	70-130	2	50
Acetone	111	99	70-130	11	50
Carbon disulfide	115	109	70-130	5	25
2-Butanone	126	102	70-130	21	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-12 Batch: WG287165-1 WG287165-2					
4-Methyl-2-pentanone	134	120	70-130	11	50
2-Hexanone	137	116	70-130	17	50
Bromochloromethane	110	109	70-130	1	25
Tetrahydrofuran	104	96	70-130	8	25
2,2-Dichloropropane	109	103	70-130	6	50
1,2-Dibromoethane	122	110	70-130	10	25
1,3-Dichloropropane	126	111	70-130	13	25
1,1,1,2-Tetrachloroethane	125	116	70-130	7	25
Bromobenzene	117	108	70-130	8	25
n-Butylbenzene	107	105	70-130	2	25
sec-Butylbenzene	106	102	70-130	4	25
tert-Butylbenzene	113	108	70-130	5	25
o-Chlorotoluene	115	108	70-130	6	25
p-Chlorotoluene	119	110	70-130	8	25
1,2-Dibromo-3-chloropropane	124	109	70-130	13	50
Hexachlorobutadiene	106	101	70-130	5	25
Isopropylbenzene	118	109	70-130	8	25
p-Isopropyltoluene	110	106	70-130	4	25
Naphthalene	115	112	70-130	3	25
n-Propylbenzene	116	112	70-130	4	25
1,2,3-Trichlorobenzene	115	112	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 01-12 Batch: WG287165-1 WG287165-2					
1,2,4-Trichlorobenzene	112	108	70-130	4	25
1,3,5-Trimethylbenzene	117	111	70-130	5	25
1,2,4-Trimethylbenzene	117	112	70-130	4	25
Ethyl ether	113	107	70-130	5	25
Isopropyl Ether	115	110	70-130	4	25
Ethyl-Tert-Butyl-Ether	118	110	70-130	7	25
Tertiary-Amyl Methyl Ether	114	106	70-130	7	25
1,4-Dioxane	114	106	70-130	7	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93	100	70-130
Toluene-d8	91	97	70-130
4-Bromofluorobenzene	92	97	70-130
Dibromofluoromethane	92	99	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 13-19 Batch: WG287336-1 WG287336-2					
Methylene chloride	99	97	70-130	2	25
1,1-Dichloroethane	90	86	70-130	5	25
Chloroform	94	89	70-130	5	25
Carbon tetrachloride	95	98	70-130	3	25
1,2-Dichloropropane	82	77	70-130	6	25
Dibromochloromethane	93	92	70-130	1	25
1,1,2-Trichloroethane	96	95	70-130	1	25
Tetrachloroethene	94	94	70-130	0	25
Chlorobenzene	87	85	70-130	2	25
Trichlorofluoromethane	124	125	70-130	1	25
1,2-Dichloroethane	102	100	70-130	2	25
1,1,1-Trichloroethane	97	94	70-130	3	25
Bromodichloromethane	88	86	70-130	2	25
trans-1,3-Dichloropropene	82	82	70-130	0	25
cis-1,3-Dichloropropene	85	81	70-130	5	25
1,1-Dichloropropene	95	92	70-130	3	25
Bromoform	105	99	70-130	6	50
1,1,2,2-Tetrachloroethane	104	98	70-130	6	25
Benzene	80	77	70-130	4	25
Toluene	88	86	70-130	2	25
Ethylbenzene	94	92	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 13-19 Batch: WG287336-1 WG287336-2					
Chloromethane	164	152	70-130	8	50
Bromomethane	69	63	70-130	9	50
Vinyl chloride	111	113	70-130	2	25
Chloroethane	100	100	70-130	0	25
1,1-Dichloroethene	98	94	70-130	4	25
trans-1,2-Dichloroethene	85	80	70-130	6	25
Trichloroethene	88	85	70-130	3	25
1,2-Dichlorobenzene	92	88	70-130	4	25
1,3-Dichlorobenzene	94	88	70-130	7	25
1,4-Dichlorobenzene	98	94	70-130	4	25
Methyl tert butyl ether	117	112	70-130	4	25
p/m-Xylene	91	88	70-130	3	25
o-Xylene	93	89	70-130	4	25
cis-1,2-Dichloroethene	85	82	70-130	4	25
Dibromomethane	98	95	70-130	3	25
1,2,3-Trichloropropane	116	112	70-130	4	25
Styrene	95	93	70-130	2	25
Dichlorodifluoromethane	173	172	70-130	1	50
Acetone	97	119	70-130	20	50
Carbon disulfide	83	83	70-130	0	25
2-Butanone	101	97	70-130	4	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 13-19 Batch: WG287336-1 WG287336-2					
4-Methyl-2-pentanone	99	93	70-130	6	50
2-Hexanone	107	106	70-130	1	50
Bromochloromethane	77	78	70-130	1	25
Tetrahydrofuran	83	87	70-130	5	25
2,2-Dichloropropane	60	61	70-130	2	50
1,2-Dibromoethane	104	106	70-130	2	25
1,3-Dichloropropane	94	94	70-130	0	25
1,1,1,2-Tetrachloroethane	97	94	70-130	3	25
Bromobenzene	92	87	70-130	6	25
n-Butylbenzene	108	104	70-130	4	25
sec-Butylbenzene	102	98	70-130	4	25
tert-Butylbenzene	97	93	70-130	4	25
o-Chlorotoluene	95	92	70-130	3	25
p-Chlorotoluene	102	97	70-130	5	25
1,2-Dibromo-3-chloropropane	113	103	70-130	9	50
Hexachlorobutadiene	86	84	70-130	2	25
Isopropylbenzene	104	99	70-130	5	25
p-Isopropyltoluene	103	101	70-130	2	25
Naphthalene	103	100	70-130	3	25
n-Propylbenzene	100	96	70-130	4	25
1,2,3-Trichlorobenzene	95	88	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B/5035-Low Associated sample(s): 13-19 Batch: WG287336-1 WG287336-2					
1,2,4-Trichlorobenzene	94	89	70-130	5	25
1,3,5-Trimethylbenzene	96	92	70-130	4	25
1,2,4-Trimethylbenzene	101	96	70-130	5	25
Ethyl ether	88	91	70-130	3	25
Isopropyl Ether	89	81	70-130	9	25
Ethyl-Tert-Butyl-Ether	77	80	70-130	4	25
Tertiary-Amyl Methyl Ether	71	76	70-130	7	25
1,4-Dioxane	103	98	70-130	5	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114	118	70-130
Toluene-d8	105	105	70-130
4-Bromofluorobenzene	106	99	70-130
Dibromofluoromethane	99	104	70-130

INORGANICS & MISCELLANEOUS

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-01
 Client ID: SP-A1-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:00
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	90		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-02
 Client ID: SP-A2-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:07
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	89		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-03
 Client ID: SP-A3-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:11
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	88		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-04
 Client ID: SP-A4-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:16
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	87		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-05
 Client ID: SP-A5-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:21
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	89		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-06
 Client ID: SP-A6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 12:25
 Date Received: 07/11/07
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry									
Solids, Total	89		%	0.10	1	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-07
 Client ID: SP-B1-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:20
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

SAMPLE RESULTS

Lab ID: L0709806-08
 Client ID: SP-B2-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:40
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-09
 Client ID: SP-B3-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:42
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-10
 Client ID: SP-B4-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:44
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-11
Client ID: SP-B5-20070711-01
Sample Location: RAYTHEON WAYLAND
Matrix: Soil

Date Collected: 07/11/07 13:46
Date Received: 07/11/07
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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-12
 Client ID: SP-B6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:45
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-13
 Client ID: SP-C1-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 13:54
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-14
 Client ID: SP-C2-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 14:02
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-15
 Client ID: SP-C3-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 14:04
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-16
 Client ID: SP-C4-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 14:06
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-17
 Client ID: SP-C5-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 14:08
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**SAMPLE RESULTS**

Lab ID: L0709806-18
 Client ID: SP-C6-20070711-01
 Sample Location: RAYTHEON WAYLAND
 Matrix: Soil

Date Collected: 07/11/07 14:07
 Date Received: 07/11/07
 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	-	07/14/07 11:30	30,2540G	ST



Lab Duplicate Analysis

Batch Quality Control

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Associated sample(s): 01-18 QC Batch ID: WG287091-1 QC Sample: L0709806-02 Client ID: SP-A2-20070711-01					
Solids, Total	89	88	%	1	20

Project Name: NA EXCAVATION

Lab Number: L0709806

Project Number: 0051545

Report Date: 07/17/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0709806-01A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-01B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-01C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-02A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-02B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-02C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-03A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-03B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-03C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-04A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-04B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-04C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-05A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-05B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-05C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-06A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-06B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-06C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-07A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-07B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-07C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-08A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-08B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-08C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-09A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-09B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-09C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-10A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-10B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04

Project Name: NA EXCAVATION

Project Number: 0051545

Lab Number: L0709806

Report Date: 07/17/07

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0709806-10C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-11A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-11B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-11C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-12A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-12B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-12C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-13A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-13B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-13C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-14A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-14B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-14C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-15A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-15B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-15C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-16A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-16B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-16C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-17A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-17B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-17C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-18A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04
L0709806-18B	Vial MeOH preserved split	B	N/A	4 C	Y	Absent	MCP-8260LW-04
L0709806-18C	Plastic 2oz unpreserved for TS	B	N/A	4 C	Y	Absent	TS
L0709806-19A	Vial water preserved	A	N/A	2C	Y	Absent	MCP-8260LW-04

Container Comments

L0709806-01A	Temp Probe
L0709806-01B	Temp Probe
L0709806-01C	Temp Probe
L0709806-02A	Temp Probe
L0709806-02B	Temp Probe
L0709806-02C	Temp Probe

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**Container Information**

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

L0709806-03A Temp Probe

L0709806-03B Temp Probe

L0709806-03C Temp Probe

L0709806-04A Temp Probe

L0709806-04B Temp Probe

L0709806-04C Temp Probe

L0709806-05A Temp Probe

L0709806-05B Temp Probe

L0709806-05C Temp Probe

L0709806-06A Temp Probe

L0709806-06B Temp Probe

L0709806-06C Temp Probe

L0709806-07A Temp Probe

L0709806-07B Temp Probe

L0709806-07C Temp Probe

L0709806-08A Temp Probe

L0709806-08B Temp Probe

L0709806-08C Temp Probe

L0709806-09A Temp Probe

L0709806-09B Temp Probe

L0709806-09C Temp Probe

L0709806-10A Temp Probe

L0709806-10B Temp Probe

L0709806-10C Temp Probe

L0709806-11A Temp Probe

L0709806-11B Temp Probe

L0709806-11C Temp Probe

L0709806-12A Temp Probe

Project Name: NA EXCAVATION**Lab Number:** L0709806**Project Number:** 0051545**Report Date:** 07/17/07**Container Information**

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

Container Comments

L0709806-12B Temp Probe

L0709806-12C Temp Probe

L0709806-13A Temp Probe

L0709806-13B Temp Probe

L0709806-13C Temp Probe

L0709806-14A Temp Probe

L0709806-14B Temp Probe

L0709806-14C Temp Probe

L0709806-15A Temp Probe

L0709806-15B Temp Probe

L0709806-15C Temp Probe

L0709806-16A Temp Probe

L0709806-16B Temp Probe

L0709806-16C Temp Probe

L0709806-17A Temp Probe

L0709806-17B Temp Probe

L0709806-17C Temp Probe

L0709806-18A Temp Probe

L0709806-18B Temp Probe

L0709806-18C Temp Probe

L0709806-19A Temp Probe

Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

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.)

Report Format: Not Specified



Project Name: NA EXCAVATION
Project Number: 0051545

Lab Number: L0709806
Report Date: 07/17/07

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 2

Date Rec'd in Lab: 7/11/07

ALPHA Job #: 6070980c

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

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

Client Information

Client: FIRM - BOSTON

Address: 399 BOSTON ST. 6TH FLOOR

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: Jason.Flattery@ecm.com

Project Information

Project Name: MA EXCAVATION

Project Location: RAYNHAM - WARD

Project #: 0051545

Project Manager: JASON FLATTERY

ALPHA Quote #:

Turn-Around Time

Standard

Date Due: 7/18/07

Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory/Requirements/Report Limits

State / Fed Program: MA MCP

Criteria: S-2 GW-1

MAMCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

Billings Information

Bill as Client info PO #:

Yes No No Are MCP Analytical Methods Required?

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Samplers Initials
9806	1 SP-A1-20070711-01	7/11/07	12:00	S	JRF
	2 SP-A2-20070711-01		12:07		
	3 SP-A3-20070711-01		12:11		
	4 SP-A4-20070711-01		12:16		
	5 SP-A5-20070711-01		12:21		
	6 SP-A6-20070711-01		12:25		
	7 SP-B1-20070711-01		13:20		
	8 SP-B2-20070711-01		13:40		
	9 SP-B3-20070711-01		13:42		
	10 SP-B4-20070711-01		13:44		

ANALYSIS

8260 Low

105

SAMPLE HANDLING

Filtration Done Not needed

Preservation Lab to do Lab to do

(Please specify below)

Sample Specific Comments

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By: [Signature]

Date/Time: 7/11/07

Received By: [Signature]

Date/Time: 7/16/07

Container Type: H₂O

Preservative: X

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
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 BOSTON ST 6TH FLOOR
BOSTON, MA 02116

Phone: (617) 646-7800

Fax: (617) 267-6417

Email: Jason.Flattery@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: NA EXCAVATION

Project Location: RAYNHAM - HWY 28

Project #: 0051545

Project Manager: JASON FLATTERY

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed pre-approved!)

Date Due: 7/16/07

Time:

Date Rec'd in Lab: 7/11/07

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program: MA MCP Criteria: S-2 GW-1

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

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

Billing Information

PO #:

ALPHA Job #: 60709804

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	X	H ₂ O	Date/Time	Received By:	Date/Time	Sample Specific Comments
		Date	Time								
11	SP-R5-20070711-01	7/11/07	13:46	S	JRF	X					
12	SP-R6-20070711-01	7/11/07	13:45	S	JRF	X					
13	SP-C1-20070711-01	7/11/07	13:54	S	JDF	X					
14	SP-C2-20070711-01		14:02			X					
15	SP-C3-20070711-01		14:04			X					
16	SP-C4-20070711-01		14:06			X					
17	SP-C5-20070711-01		14:08			X					
18	SP-C6-20070711-01		14:07			X					
19	TS-001-20070711-01	7/9/07	11:05			X					

ANALYSIS
8260 Low

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

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Requested By:	Date/Time:	Received By:	Date/Time:
<u>[Signature]</u>	<u>7/11/07 14:07:30</u>	<u>[Signature]</u>	<u>7/11/07 13:40</u>

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.

Technical Report

PROJECT NAME: Wayland - 07029

prepared for

Maxymillian Technologies, Inc.
1801 East Street
Pittsfield, MA 01201

Attention: R. Simmons

October 2, 2007

Report Status

- Final Report
 Re-issued Report

Analytical Report Certification

Laboratory Name: *Maxymillian Technologies, Inc.* **Laboratory Project #:** **07029**

Project Name: **Wayland** **Project Location:** **Former Raytheon Facility, Wayland, MA**

This form provides certifications for the following data set:

Sample Matrices: Groundwater Soil/Sediment Drinking Water Other: Carbon

Methods	8260B (X)	8270C ()	8082 ()	8100M ()	9045 ()
	1010 ()	SW 846 Ch 7 ()	6010 ()	7471 ()	415.1 ()
	As specified in MADEP Compendium of Methods MAEPH ()	MAVPH ()			

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status.

A Were all samples received by the laboratory in condition consistent with that described on the Chain of Custody documentation for the data set.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ¹
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> ¹
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> ¹
D VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ¹

A response to questions E and F below is required for "Presumptive Certainty" status.

E Were all QC performance standards and recommendations for the specified methods achieved?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ¹
F Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ¹

¹ All negative responses must be addressed in an attached Environmental case narrative

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ **Position:** Laboratory Director

Printed Name: John M. Massimiano **Date:** _____

LABORATORY SERVICES TECHNICAL REPORT - NARRATIVE

PREPARED FOR:

Maxymillian Technologies, Inc.
1801 East Street
Pittsfield, MA 01201
(413) 499-3050

PROJECT: **Wayland**

ATTENTION: **R. Simmons**

One (1) soil sample for VOC analysis was received by the Maxymillian Technologies' Analytical Laboratory on October 1, 2007. A rush turnaround time was requested.

All samples were analyzed within the method specified maximum allowed holding times. All quality control was within laboratory determined acceptable limits.

All samples are analyzed by approved methodologies. The *MT* analytical laboratory is a MA DEP certified testing facility.

A standardized analyte list for EPA Method 8260B is reported.

Some of the VOC compounds in the LCS/LCSD analysis were outside the recommended control limits.

Surrogate recoveries were low which is typical when analyzing activated carbon samples.

MA Certification Number M-MA 146

Issue Date
October 2, 2007

Report Number
2007/Maxy/Wayland/100107

SAMPLE RECEPTION INFORMATION

Project		Requested TAT			
Wayland		Rush			
Quantity	Matrix	Analysis Method	Description	Collection Date	Preservative ¹
1	Soil	EPA 8260B	VOC	10/1/07	On Ice/meth
1	Trip Blank	EPA 8260B	VOC	10/1/07	On Ice/meth

1. Samples received on ice are acceptable as evidence that the cooling process has begun. A temperature blank is used to represent the temperature of the samples received in the cooler.

Temperature inspected upon receipt:	Inspected by:	Date Received
4.8° C	JM	10/1/07

Volatile Organic Compounds

Field ID: **Carbon**

Laboratory ID: **10010701**

% Moisture: **56.9**

Dilution: **1**

Analysis EPA Method 8260B	Extraction Method 5035	Matrix Soil	Instrument GC-MS	Analyst JM
------------------------------	---------------------------	----------------	---------------------	---------------

Parameter	Sample Result (mg/Kg)	MDL (mg/Kg)	Parameter	Sample Result (mg/Kg)	MDL (mg/Kg)
Dichlorodifluoromethane	ND	0.100	1,3-Dichloropropane	ND	0.100
Chloromethane	ND	0.100	Chlorodibromomethane	ND	0.100
Vinyl chloride	ND	0.100	1,2-Dibromoethane(EDB)	ND	0.100
Bromomethane	ND	0.100	Bromoform	ND	0.100
Chloroethane	ND	0.250	2-Hexanone (MBK)	ND	0.500
Trichlorofluoromethane	ND	0.100	Toluene	ND	0.100
Acetone	ND	0.750	4-Methyl-2-Pentanone	ND	0.500
1,1-Dichloroethene	ND	0.100	Tetrachloroethene	ND	0.100
Acrylonitrile	ND	0.500	Chlorobenzene	ND	0.100
Iodomethane	ND	0.250	1,1,1,2-Tetrachloroethane	ND	0.100
Methylene chloride	ND	0.500	Ethylbenzene	ND	0.100
Carbon disulfide	ND	0.100	m,p-Xylene	ND	0.100
trans-1,2-Dichloroethene	ND	0.100	o-Xylene	ND	0.100
Acrolein	ND	0.500	Styrene	ND	0.100
cis-1,2-Dichloroethene	ND	0.100	1,1,2,2-Tetrachloroethane	ND	0.100
Methyl-t-butyl ether (MtBE)	ND	0.100	Isopropylbenzene	ND	0.100
1,1-Dichloroethane	ND	0.100	1,2,3-Trichloropropane	ND	0.100
Chloroform	ND	0.100	Bromobenzene	ND	0.100
1,2-Dichloroethane	ND	0.100	2-Chlorotoluene	ND	0.100
Vinyl acetate	ND	0.500	n-Propylbenzene	ND	0.100
2-Butanone (MEK)	ND	0.500	4-Chlorotoluene	ND	0.100
2,2-Dichloropropane	ND	0.100	1,3,5-Trimethylbenzene	ND	0.100
1,1,1-Trichloroethane	ND	0.100	tert-Butylbenzene	ND	0.100
1,1-Dichloropropene	ND	0.100	1,2,4-Trimethylbenzene	ND	0.100
Benzene	ND	0.100	1,3-Dichlorobenzene	ND	0.100
Carbon Tetrachloride	ND	0.100	sec-Butylbenzene	ND	0.100
Trichloroethene	ND	0.100	1,4-Dichlorobenzene	ND	0.100
Dibromomethane	ND	0.100	p- Isopropyltoluene	ND	0.100
1,2-dichloropropane	ND	0.100	1,2-Dichlorobenzene	ND	0.100
Bromodichloromethane	ND	0.100	n-Butylbenzene	ND	0.100
2-Chloroethyl vinyl ether	ND	0.250	1,2-Dibromo-3-chloropropane	ND	0.250
cis-1,3-Dichloropropene	ND	0.100	1,2,4-Trichlorobenzene	ND	0.100
trans-1,3-Dichloropropene	ND	0.100	Naphthalene	ND	0.250
1,1,2-Trichloroethane	ND	0.100	Hexachlorobutadiene	ND	0.500
			1,2,3-Trichlorobenzene	ND	0.100

Sample Analysis Information, QC Lot identification

Sample Date 10/1/07	Extraction Date 10/2/07	Analysis Date 10/2/07	QC Lot: 1002078260-S
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Surrogate Compound % Recovery, QC Lot identification

1,2-Dichloroethane-d4 79.9	Toluene-d8 43.4*	4-Bromofluorobenzene 37.1*
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MDL = Analytical Method Detection Limit.

ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit

* Surrogate recoveries were low see narrative

QC LOT INFORMATION /VOLATILE ORGANIC COMPOUNDS

QC Lot: 1002078260-S

Extraction Date: 10/2/07

Analysis Date: 10/2/07

Spike
Sample

File ID : V-002.D
Sample : SOIL LCS

Compound	Sample Conc	Spike Added	Spike Res	Spike %Rec	QC Limits % Rec
Dichlorodifluorometh	0.0	100	141	141#	70-130
Chloromethane	0.0	100	91	91	70-130
Vinyl chloride	0.0	100	40	40#	70-130
Bromomethane	0.0	100	67	67#	70-130
Chloroethane	0.0	100	79	79	70-130
Trichlorofluorometha	0.0	100	125	125	70-130
1,1-Dichloroethene	0.0	100	134	134#	70-130
Methylene chloride	0.0	100	138	138	70-130
trans-1,2-Dichloroet	0.0	100	134	134#	70-130
cis-1,2-Dichloroethe	0.0	100	124	124	70-130
1,1-Dichloroethane	0.0	100	128	128	70-130
Chloroform	0.0	100	130	130	70-130
1,2-Dichloroethane	0.0	100	127	127	70-130
2,2-Dichloropropane	0.0	100	111	111	70-130
1,1,1-Trichloroethan	0.0	100	110	110	70-130
1,1-Dichloropropene	0.0	100	110	110	70-130
Benzene	0.0	100	109	109	70-130
Carbon tetrachloride	0.0	100	103	103	70-130
Trichloroethene	0.0	100	95	95	70-130
Dibromomethane	0.0	100	103	103	70-130
1,2-dichloropropane	0.0	100	108	108	70-130
Bromodichloromethane	0.0	100	109	109	70-130
cis-1,3-Dichloroprop	0.0	100	110	110	70-130
trans-1,3-Dichloropr	0.0	100	108	108	70-130
1,1,2-Trichloroethan	0.0	100	97	97	70-130
1,3-Dichloropropane	0.0	100	109	109	70-130
Chlorodibromomethane	0.0	100	93	93	70-130
1,2-Dibromoethane (E	0.0	100	95	95	70-130
Bromoform	0.0	100	74	74	70-130
Toluene	0.0	100	108	108	70-130
Tetrachloroethene	0.0	100	88	88	70-130
Chlorobenzene	0.0	100	96	96	70-130
1,1,1,2-Tetrachloroe	0.0	100	91	91	70-130
Ethylbenzene	0.0	100	97	97	70-130
m,p-xylene	0.0	200	196	98	70-130
o-Xylene	0.0	100	104	104	70-130
Styrene	0.0	100	101	101	70-130
1,1,2,2-Tetrachloroe	0.0	100	96	96	70-130
Isopropylbenzene	0.0	100	111	111	70-130
1,2,3-Trichloropropa	0.0	100	95	95	70-130
Bromobenzene	0.0	100	88	88	70-130
2-Chlorotoluene	0.0	100	103	103	70-130
n-Propylbenzene	0.0	100	105	105	70-130
4-Chlorotoluene	0.0	100	119	119	70-130
1,3,5-Trimethylbenze	0.0	100	114	114	70-130
tert-Butylbenzene	0.0	100	105	105	70-130

QC LOT INFORMATION /VOLATILE ORGANIC COMPOUNDS

QC Lot: 1002078260-S

Extraction Date: 10/2/07

Analysis Date: 10/2/07

1,2,4-Trimethylbenze	0.0	100	107	107	70-130
1,3-Dichlorobenzene	0.0	100	94	94	70-130
sec-Butylbenzene	0.0	100	109	109	70-130
1,4-Dichlorobenzene	0.0	100	93	93	70-130
p-Isopropyltoluene	0.0	100	105	105	70-130
1,2-Dichlorobenzene	0.0	100	95	95	70-130
n-Butylbenzene	0.0	100	112	112	70-130
1,2-Dibromo-3-chloro	0.0	100	99	99	70-130
1,2,4-Trichlorobenze	0.0	100	77	77	70-130
Naphthalene	0.7	100	78	77	70-130
Hexachlorobutadiene	0.0	100	62	62#	70-130
1,2,3-Trichlorobenze	0.0	100	77	77	70-130

Volatile Organic Compounds

Field ID: **MB**

Laboratory ID:

% Moisture:

Dilution: **1**

Analysis EPA Method 8260B	Extraction Method 5035	Matrix Soil	Instrument GC-MS	Analyst JM
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Parameter	Sample Result (mg/Kg)	MDL (mg/Kg)	Parameter	Sample Result (mg/Kg)	MDL (mg/Kg)
Dichlorodifluoromethane	ND	0.100	1,3-Dichloropropane	ND	0.100
Chloromethane	ND	0.100	Chlorodibromomethane	ND	0.100
Vinyl chloride	ND	0.100	1,2-Dibromoethane(EDB)	ND	0.100
Bromomethane	ND	0.100	Bromoform	ND	0.100
Chloroethane	ND	0.250	2-Hexanone (MBK)	ND	0.500
Trichlorofluoromethane	ND	0.100	Toluene	ND	0.100
Acetone	ND	0.750	4-Methyl-2-Pentanone	ND	0.500
1,1-Dichloroethene	ND	0.100	Tetrachloroethene	ND	0.100
Acrylonitrile	ND	0.500	Chlorobenzene	ND	0.100
Iodomethane	ND	0.250	1,1,1,2-Tetrachloroethane	ND	0.100
Methylene chloride	ND	0.500	Ethylbenzene	ND	0.100
Carbon disulfide	ND	0.100	m,p-Xylene	ND	0.100
trans-1,2-Dichloroethene	ND	0.100	o-Xylene	ND	0.100
Acrolein	ND	0.500	Styrene	ND	0.100
cis-1,2-Dichloroethene	ND	0.100	1,1,2,2-Tetrachloroethane	ND	0.100
Methyl-t-butyl ether (MtBE)	ND	0.100	Isopropylbenzene	ND	0.100
1,1-Dichloroethane	ND	0.100	1,2,3-Trichloropropane	ND	0.100
Chloroform	ND	0.100	Bromobenzene	ND	0.100
1,2-Dichloroethane	ND	0.100	2-Chlorotoluene	ND	0.100
Vinyl acetate	ND	0.500	n-Propylbenzene	ND	0.100
2-Butanone (MEK)	ND	0.500	4-Chlorotoluene	ND	0.100
2,2-Dichloropropane	ND	0.100	1,3,5-Trimethylbenzene	ND	0.100
1,1,1-Trichloroethane	ND	0.100	tert-Butylbenzene	ND	0.100
1,1-Dichloropropene	ND	0.100	1,2,4-Trimethylbenzene	ND	0.100
Benzene	ND	0.100	1,3-Dichlorobenzene	ND	0.100
Carbon Tetrachloride	ND	0.100	sec-Butylbenzene	ND	0.100
Trichloroethene	ND	0.100	1,4-Dichlorobenzene	ND	0.100
Dibromomethane	ND	0.100	p- Isopropyltoluene	ND	0.100
1,2-dichloropropane	ND	0.100	1,2-Dichlorobenzene	ND	0.100
Bromodichloromethane	ND	0.100	n-Butylbenzene	ND	0.100
2-Chloroethyl vinyl ether	ND	0.250	1,2-Dibromo-3-chloropropane	ND	0.250
cis-1,3-Dichloropropene	ND	0.100	1,2,4-Trichlorobenzene	ND	0.100
trans-1,3-Dichloropropene	ND	0.100	Naphthalene	ND	0.250
1,1,2-Trichloroethane	ND	0.100	Hexachlorobutadiene	ND	0.500
			1,2,3-Trichlorobenzene	ND	0.100

Sample Analysis Information, QC Lot identification

Sample Date	Extraction Date	Analysis Date	QC Lot:
	10/2/07	10/2/07	1002078260-S

Surrogate Compound % Recovery, QC Lot identification

1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
104	93.7	87.9

MDL = Analytical Method Detection Limit.

ND = Analyte of interest was not detected at the laboratory determined Analytical Method Detection Limit