

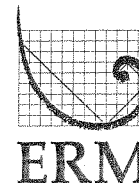
Environmental
Resources
Management

399 Boylston Street, 6th Floor
Boston, MA 02116
(617) 646-7800
(617) 267-6447 (fax)

27 July 2007
ERM Reference: 0051545

FILE COPY

Brian Monahan
Conservation Administrator
Wayland Conservation Commission
Town Building
Wayland, MA 01778



Re: Inspection Report #3: 16 through 27 July 2007, Amendment to
Refueling Plan, and Transmittal of Analytical Data
Former Raytheon Facility
430 Boston Post Road
DEP File No. 322-647

Dear Mr. Monahan:

Environmental Resources Management (ERM) is pleased to provide the Wayland Conservation Commission (Commission) with this Inspection Report for Northern Area Excavation activities at the Former Raytheon Facility at 430 Boston Post Road in Wayland, Massachusetts (Site). This report is submitted in accordance with the Order of Conditions for Massachusetts Department of Environmental Protection File Number 322-647 dated 8 August 2006. Additionally, this report contains an amendment to the refueling plan provided to the Commission in the 4 June 2007 Response to Order of Conditions, and the analytical laboratory data corresponding with stockpile samples collected on 11 July 2007.

INSPECTION REPORT #3

Special Conditions 31 and 32 of the Town of Wayland Wetlands and Water Resources Permit Chapter 194 (Chapter 194) and Special Conditions 47 and 49 of Attachment A to the Wetlands Protection Act Form 5 Order of Conditions (WPA) require that a registered Professional Engineer perform weekly inspections of the work activities and certify in bi-weekly reports that those activities are in compliance with the Order of Conditions. The following information summarizes work performed between 16 and 27 July 2007.

Work Performed During Period

After initial installation of the sheet piles during the period of the last Inspection Report, the sheets were adjusted from 17 to 23 July to bring them within the tolerances set in the construction plans. Also during this time, additional soil stockpile areas were constructed of straw bales and polyethylene sheeting in the parking lot, and the flocculation tank was modified to increase contact time with the flocculation agent.

On 23 July a ramp was constructed of soil from the Clean Soil Staging Area to allow heavy equipment access to the interior of the cofferdam. The portion of the ramp inside the cofferdam was completed by scraping material from adjacent locations within the structure. Finally, recycled rubber Tundra mats were placed on the ramp surface.

Excavation to the depth of the upper reinforced concrete wale (117 feet above mean sea level [asl]) began on 25 July. Minor dewatering was conducted via crushed stone-lined sumps. To date, water removed from the excavation has been stored in two large fractionation tanks.

On 26 and 27 July this phase of the excavation was completed with the exception of the material comprising the ramp. This material will remain in the excavation until the reinforcing steel has been staged within the cofferdam. Preparations for construction of the upper wale began with placement of additional Tundra mats throughout the excavation. Crushed stone was spread in a 3-inch thick layer around the inside of the sheet pile to provide a dry surface on which to build the wale.

Also on 26 and 27 July sidewall samples were collected from just inside the sheets and samples were collected from the stockpiled material removed during this period for waste characterization and reuse analyses (Stockpiles D and E).

Members of the Commission were on Site on 16 and 19 July for a tour and inspection. Also, Ben Gould (CMG Environmental) visited the Site on 19 July on behalf of the Town of Wayland to check project progress. No issues were identified during the Site visits. Alicia Kabir conducted the Professional Engineer's inspections on 20 and 25 July.

In addition to the major activities detailed above, several other tasks were completed as required by the Order of Conditions:

- Daily inspections of the sedimentation controls have been performed. Records of these inspections are kept with the Daily Site Logs in Appendix B. Sufficient supplies of silt fence and straw bales are

maintained on Site to allow for corrective action and maintenance activities per WPA Condition 50 and Chapter 194 Condition 42.

Items Not in Conformance with Order of Conditions During Period

- During the 25 July Professional Engineer's inspection, a section of straw bales along the eastern edge of the wet pocket was hit with a piece of machinery. The silt fence was checked to ensure that it was still properly trenched and the straw bales were repaired.

AMENDMENT TO THE REFUELING PLAN

Equipment is being refueled in accordance with the Refueling Plan provided in the Response to Order of Conditions and as stipulated in WPA Condition 39 and Chapter 194 Condition 29. Sufficient spill containment supplies are maintained at the refueling area and near each piece of heavy equipment. However, to continue to remove contaminated soil from the excavation below the current depth will require leaving an excavator in the pit at all times. The excavator will need to be refueled within the cofferdam, and therefore, within 100 feet of the bordering vegetated wetland. In order to be as protective of the resource area as possible while the project progresses, ERM proposes the following amendment to the Refueling Plan:

Any refueling of equipment inside the excavation will be observed and documented by ERM site personnel. The refueling crew will consist of two workers, one to deliver the fuel in 5-gallon cans to the machinery, the other to stand by with absorbent pads and/or other materials from the nearby spill kit.

This amendment was discussed with and verbally approved by Brian Monahan during a telephone conversation during the week of 23 July.

TRANSMITTAL OF ANALYTICAL DATA

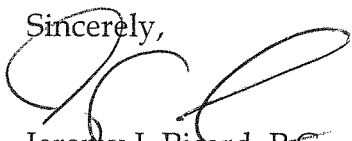
As required by Chapter 194 Condition 24 the analytical laboratory report for 18 stockpile samples collected on 11 July 2007 is attached as Appendix C. These samples were collected from Stockpile A (Clean fill from 0 to 3 feet below ground surface [bgs]), Stockpile B (material from 3 feet bgs to 121 feet asl on the eastern side of the excavation), and Stockpile C (material from the western side of the excavation and the same depth as Stockpile B). None of the samples returned results greater

than the MCP Method 1 S-2 GW-1 standards; therefore the material is suitable for reuse in backfilling the excavation.

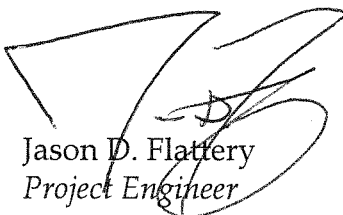
ERM will continue to comply with the Order of Conditions and will inform the Commission of any significant deviations of schedule or work plan.

If you have any questions or comments please contact the undersigned at (617) 646-7800.

Sincerely,



Jeremy J. Picard, P.G.
Senior Project Manager



Jason D. Flattery
Project Engineer

Enclosures: Appendix A - Site Photographs
Appendix B - Daily Site Logs 16-27 July 2007
Appendix C - Analytical Laboratory Report

Cc: Louis Burkhardt, Raytheon Company
Public Repositories
Ben Gould, CMG Environmental

As required by WPA Conditions 47 and 49 and Chapter 194 Conditions 31 and 32, I certify based on my observations during Site visits on 20 and 25 July 2007 and conversations with ERM field representatives that, to the best of my knowledge, all work (except for any exceptions noted above) has been conducted in accordance with the Order of Conditions for DEP File Number 322-647.



A handwritten signature in cursive script that reads "Alicia Kabir".

Alicia Kabir, P.E.
Professional Engineer
MA License #46671

Appendix A
Site Photographs



Photograph 1 – Adjustments Made to Sheet Pile



Photograph 2 – Creating Ramp for Access to Cofferdam Interior





Photograph 3 – Completed Ramp with Tundra Mats



Photograph 4 – Beginning Excavation to 117' asl





Photograph 5 – Continued Excavation and Dewatering



Photograph 6 – Crushed Stone Installed in Preparation for Concrete Wale



Appendix B
Daily Site Logs 16-27 July 2007

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/16/07

Start Time: 0630

End Time: 1634

Personnel

ERM: JASON FLATTERY, JOE FERRING

Other Personnel: (MT) CHRIS JONES, (laborer) ABDELGHANI (operator) MCCARTHY (MT) ZAHIM, BILL, SCOTT, RICK MANGIARDI (MT) HAROLD FORD (HARTMAN ENGINEERING), DICK SYMAC (MT)

Visitors: BRIAN MONAHAN (CONSERVATION COMMISSION) + DAN BENNETT (BUILDING COMMISSIONER)

Equipment On Site

Type	Operating Company	Number
LOADER: KUBOTA LA681 KOMATSU WA380	<u>MAY/MILLICAN (MT)</u>	<u>4</u>
EXCAVATOR: KUBOTA LA681 CAT 345	<u>MT</u>	<u>75</u>
SWEeper: ELGEN PREMIER PELICAN	<u>MT SCANLON</u>	<u>N/A</u>
WATER TREATMENT:	<u>MT</u>	<u>45</u>
2 GENERATORS: WASSPACUTT	<u>MT</u>	<u>16, 14</u>
WELDER: LINCOLN 250	<u>MT</u>	<u>29</u>

Describe Activities:

RESET SHEETS TO CORRECT ELEVATION & ALIGNMENT AFTER MEASURING DISTANCE TO CENTER & PITCH. BUILT ADDITIONAL SOIL STOCKPILE BAY OF POLY SHEETING & STRAW BALES

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

7/16



Are silt fence, hay bails and wooden stakes intact?

YES

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

N/A

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

[Handwritten Signature]

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/17/07

Start Time: 07:00

End Time: 15:45

Personnel

ERM: JOE FERRING, JASON FLATTERY, JEREMY PICARD, JOHN KUHN

Other Personnel:

HAROLD FORD (HARTMAN ENGINEERING)
CHRIS JONES, DICK SYRIAC, SCOTT STAPLES, RICK MANGIARDI, (MT)
BILL MCCARTHY, (Operator) ABDELGHANI ZAIM, IVAN HACKETT (Laborers)
TIM MAXYMILLIAN, NEAL MAXYMILLIAN

Visitors:

TAYLOR FUEL
HAWK HOUSE

Equipment On Site

Type	Make/Model	Number	Operating Co.
<u>LOADER</u>	<u>KOMATSU WA380</u>	<u>RENTAL</u>	<u>MT</u>
<u>EXCAVATOR</u>	<u>CATERPILLER 345B</u>	<u>75</u>	<u>MT</u>
<u>GENERATOR</u>	<u>MQ POWER WHISPERWATT 25</u>	<u>14, 16</u>	<u>MT</u>
<u>WATER TREAT. TRAILER</u>	<u>MT FABRICATION</u>	<u>45</u>	<u>MT</u>
<u>WELDER</u>	<u>LINCOLN 250</u>	<u>29</u>	<u>MT</u>
<u>SWEEPER</u>	<u>ELGIN PREMIER PELICAN</u>		<u>SCANLON</u>

Describe Activities:

CONTINUED TO ADJUST SHEETS, spot-welding of sheets
DEWATERED EXCAVATION (NO DISCHARGE TO DATE)
Additional stockpile locations are set up in parking lot.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

Date: 7/12



Are silt fence, hay bails and wooden stakes intact?

YES

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

N/A

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/18/07
Start Time: 0630 End Time: 1500

Personnel

ERM: JASON FLATTERY, JEREMY PICARD, JOHN DROBINSKI
LIBBY RILEY, MEGAN MITCHELL

Other Personnel: MT: CHRIS JONES, ^{DICK} R SYRIAC, RICK MANGIARDI, SCOTT STAPLES
BILL MCCARTHY (^{LOCAL 4} UNION OPERATOR), A ZIATTI (^{SPE} ZAINI) ^{ABDELGHANI} UNION LABORER
JIM MAXYMILLIAN, TONY PISANELLI
~~NEAL MAXYMILLIAN~~

Visitors: CASELLO ELECTRIC (SAME CREW AS BEFORE)

Equipment On Site

Type	Operating Company	Number
KOMATSU WA380	MT	
CATERPILLER 345B	MT	75
JOE	—	—
MD POWER WHISKEYWATT 25	MT	16,14
WATER TREATMENT TRAILER & TANKS	MT	45
FLGIN PREMIER PELICAN	SCALDON	N/A
LINCOLN 250	MT	29

Describe Activities:

USED 2 SUMPS TO REMOVE SURFACE WATER FROM PIT.
DROVE ^{SHEETS} #64 TO #104 TO GRADE
CASELLO ON SITE TO WIRE IN NEW 220V PUMP & CHECK CIRCUIT BREAKERS
FIXING FLOAT SWITCH IN TANK.
↑ FLOCCULATION

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Are silt fence, hay bails and wooden stakes intact?

YES

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

SILT SACK INSPECTION CONDUCTED. SACKS ARE DRAINING
LOT & COLLECTING SEDIMENT NORMALLY

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

[Handwritten Signature]

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/19/07

Start Time: 06:30

End Time: 15:50

Personnel

ERM: SARON FLATTERY, JOHN DROBINSKI

Other Personnel: ~~JOE~~ CHRIS JONES, DICK SYRINE, RICK MANGIARDI, SCOTT STAPLES, MT
BILL MCCARTHY (OPERATOR) ABDELGHANI ZAIM (LABORER)
IVAN MACKETT (LABORER)

Visitors: ALPHA ANALYTICAL & TAYLOR FUEL
FEDEx DELIVERY, J.H. MAXYMILLIAN DELIVERY OF EXCAVATOR
BEN GOWLD (CMG ENVI.)
BRIAN MONAHAN, ROGER BACKMAN (CONSERVATION)

Equipment On Site

Type	Operating Company	Number
<u>LOADER, KOMATSU WA380</u>	<u>MT</u>	<u>-</u>
<u>EXCAVATOR, CATERPILLER 345</u>	<u>MT</u>	<u>75</u>
<u>EXCAVATOR, CATERPILLER 307</u>	<u>MT</u>	<u>-</u>
<u>GENERATOR, MP POWER WHISPERNATT</u>	<u>MT</u>	<u>16, 14</u>
<u>WELDER, LINCOLN 250</u>	<u>MT</u>	<u>29</u>
<u>WATER TREATMENT SYSTEM</u>	<u>MT</u>	<u>45</u>
<u>SWEeper, ELGIN PREMIER PELCAN</u>	<u>SCANLON</u>	<u>-</u>

Describe Activities:

MADE ALTERATIONS TO BAFFLES IN FLOCCULATION TANK TO INCREASE
RESIDENCE TIME & AID IN MIXING FLOC AGENT.
DROVE SHEETS TO DEPTH & BEGAN REPOSITIONING SHEETS THAT
WERE NOT PLUMB.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

7/19



Are silt fence, hay bails and wooden stakes intact?

YES

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

N/A

Field Supervisor Name (Printed):

JASON D FLATTERY

(Signature):

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/20/07
Start Time: 06:30 End Time: 15:30

Personnel

ERM: Jason Flattery, Bahaaar Massihzadegan,
Libby Riley, Megan Mitchell
JOHN DROBINSKI, ALICIA KABIR

Other Personnel: CHRIS JONES, SCOTT STAPLES, Dick Syriac, Rick Mangiaridi, MT
Bill McCarthy (operator) Abdelghani Zaim (laborer)
Iran Hackett (laborer)

Visitors: Jim Maxymillian (MT)
Delivery trucks carrying crushed stone (2 loads)

Equipment On Site

Type	Operating Company	Number
Loader, Komatsu WA300	MT	-
Excavator, Caterpillar 345	MT	75
Excavator, Caterpillar 307	MT	-
Generator, MQ Power Whispermax	MT	16, 14
Welder, Lincoln 250	MT	29
Water Treatment System	MT	45
Sweeper, Elgin Premier Pelican	Scanlon	-

Describe Activities:

Resetting sheets of cofferdam. Made alterations to flocculation tank. The excavation was also dewatered.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Are silt fence, hay bails and wooden stakes intact?

YES *

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

* ① Silt Straw bales southeast of excavation area were re-staked, after being identified as being loose this morning

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

[Handwritten Signature]

* ① BM

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/23/07
Start Time: 06:30 End Time: 17:30

Personnel

ERM: Jason Flattery, Bahar Masrizadeegan, Jeremy Picard, Karen Brody, Gregg Demers

Other Personnel: Scott Staples, Rick MANGIARDI, Dick SYRIAC, Chris Jones (MT), Abdelghani Za'im, Ivan Hackett (laborers), Bill McCarthy (operator)

Visitors: Edwin Madera (Raytheon), Taylor Fuel oil Delivery truck, trespassers = ~20 children + 3 adults on a Geocache scavenger hunt.

Equipment On Site

Type	Operating Company	Number
<u>Loader, Komatsu WA380</u>	<u>MT</u>	<u>-</u>
<u>Excavator, caterpillar 345</u>	<u>MT</u>	<u>75</u>
<u>Excavator, caterpillar 307</u>	<u>MT</u>	<u>-</u>
<u>Generator, MQ Power Wispervatt</u>	<u>MT</u>	<u>16, 14</u>
<u>welder, Lincoln 250</u>	<u>MT</u>	<u>29</u>
<u>Water Treatment System</u>	<u>MT</u>	<u>45</u>
<u>Sweeper, Elgin Premier Pelican</u>	<u>Scanlon</u>	<u>-</u>

Describe Activities:

11 sheets were re-set in the cofferdam, completing the adjustment of metal sheets. The sheets were surveyed as well. The sedimentation tank had a build up of silt at the bottom which was removed, and staged on filter fabric in one of the soil staging areas. A ramp leading into the cofferdam started construction, using soil from the clean soil staging pile.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Are silt fence, hay bails and wooden stakes intact?

YES

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

N/A

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/24/07

Start Time: 06:30

End Time: 17:30

Personnel

ERM: Jason Flatteny, Bahar Massihzadegan,

Other Personnel:

Chris Jones, Rick Mangiardi, Dick Snydal, Scott Staples (MT) Bill McCarthy (operator), Ivan Hockett, Abdelghani Zaim (laborers)

Visitors:

Delivery of tundra mats from MT
Jim Maximillian (MT)
Delivery of metal casing for sump

Equipment On Site

Type	Make/Model	Number	Operating Co.
Loader	Komatsu WA380	-	MT
Excavator	Caterpillar 345	75	MT
Excavator	Caterpillar 307	-	MT
Generator	MQ Power Whisperwatt	16, 14	MT
Welder	Lincoln 250	29	MT
Water Treatment System		45	MT
Sweeper	Elgin Premier Pelican	-	Scanlon

Describe Activities:

Ramp into cofferdam is completed and tundra mats are
laid on top of it in preparation for excavator moving into
cofferdam. Sheet pile was re-numbered to match original
cofferdam sketches. A trench was dug within the excavation
to direct water to the pump, and it ~~is~~ turned pumped into
the sedimentation tank.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

Date:

7/24/07



Are silt fence, hay bails and wooden stakes intact?

YES YES

Have soils/sediment been deposited in any wetland areas?

NO NO

If yes, was it removed and how? Please describe below.

N/A N/A

Is there evidence of erosion along access road?

NO NO

If yes, please describe below.

Please note any corrective actions taken.

N/A

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

DAILY SITE LOG

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/25/07

Start Time: 06:30

End Time: 17:05

Personnel

ERM: Jason Flatteny, Bahar Massihzadegan,
John Drobinski, Alicia Kabir

Other Personnel: Chris Jones, Rick Mangiardi, Dick Syrial, Scott
Staples (MT), Bill McCarthy (operator), Ivan
Hackett, Abdelghani Zain (laborers)

Visitors: Newton Trucking, Ray Derek Koenig (Diamond
Tony Pisanello, (MT) Contracting)
Tim Maximillian (MT)

Equipment On Site

Type	Make/Model	Number	Operating Co.
Loader	Komatsu WA380	-	MT
Excavator	Caterpillar 345	75	MT
Excavator	Caterpillar 307	-	MT
Generator	MQ Power Whisper watt	16, 14	MT
Welder	Lincoln 250	29	MT
Water Treatment System		45	MT
Sweeper	Elgin Premier Pelican	-	Scaron

Describe Activities:

Excavating within cofferdam to 117', decontaminating
equipment as it leaves the exclusion zone, replacing straw
bales, welding within sedimentation tank.

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

Date: 7/25



Are silt fence, hay bails and wooden stakes intact?

NO

Have soils/sediment been deposited in any wetland areas?

NO

If yes, was it removed and how? Please describe below.

N/A

Is there evidence of erosion along access road?

NO

If yes, please describe below.

Please note any corrective actions taken.

↓ STRAW BALES NEAR EXCAVATION

HIT BY DUMP TRUCK. REQUIRED DRIVER
NOTIFIED TO REMAIN AWAY FROM AREA.

Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

DAILY SITE LOG
 Northern Area Excavation
 Former Raytheon Facility
 Wayland, Massachusetts



Date: 7/26/07
 Start Time: 06:30 End Time: 17:00

Personnel

ERM: Jason Flattery, Bahar Masrizadeh

Other Personnel: Chris Jones, Rick Mangiardi, Dick Syriac, Scott Stapel (MT) Bill McParthy (operator), Ivan Hackott, Abdelghasi Zaim (laborers), Ray (Newton Trucking).

Visitors: _____

Equipment On Site

Type	Make/Model	Number	Operating Co.
Loader	Komatsu WA380	-	MT
Excavator	Caterpillar 345	75	MT
Excavator	Caterpillar 307	-	MT
Generator	MQ Power Whisperwatt	16, 14	MT
Welder	Lincoln 250	29	MT
Water Treatment System		45	MT
Sweeper	Elgin Premier Pelican	-	Scanlon

Describe Activities:

Continued excavation to 117' a.s.l. using CAT 307 and Cat 345. 18 truckloads at ~15 yd³ were removed and staged in parking lot. Sidewall soil samples were collected every ~12' around perimeter of cofferdam. Sampling of sidewall soil within cofferdam (BM)

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

Date: 7/26



- Are silt fence, hay bails and wooden stakes intact? YES
- Have soils/sediment been deposited in any wetland areas? NO
- If yes, was it removed and how? Please describe below. N/A
- Is there evidence of erosion along access road? NO
- If yes, please describe below.

Please note any corrective actions taken.
N/A

Field Supervisor Name (Printed): JASON FLETCHER

(Signature): [Handwritten Signature]

DAILY SITE LOG
Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts



Date: 7/27/07

Start Time: 06:30

End Time: 14:30

Personnel

ERM:

Bahaar Massihzadegan, Jason Flattery

Other Personnel:

Chris Jones, Dick Syriac, Scott Staples (MT),
Abdelghani Zaim, Iwan Mackett (laborers)
Bill McArthur (operator)

Visitors:

Dave from Hakey + Aldrich w/ STEWART WILEY
Doug Stone (AEMA)
Taylor Fuel

Equipment On Site

Type	Make/Model	Number	Operating Co.
Loader	Komatsu WA380	-	MT
Excavator	Caterpillar 345	75	MT
Excavator	Caterpillar 307	-	MT
Generator	MR Power Whisper Watt	16,14	MT
Welder	Lincoln 250	29	MT
Water Treatment System		45	MT
Sweeper	Elgin Premier Pelican	-	Scanlon

Describe Activities:

Moved crushed stone around to protect future concrete
pour from mud in hole, repositioned mats.
Collected Stockpile samples

EROSION AND SEDIMENTATION CONTROL INSPECTION

Northern Area Excavation
Former Raytheon Facility
Wayland, Massachusetts

Date: 7/27



(JRS)
NO YES
NO
N/A
NO

Are silt fence, hay bails and wooden stakes intact?

Have soils/sediment been deposited in any wetland areas?

If yes, was it removed and how? Please describe below.

Is there evidence of erosion along access road?

If yes, please describe below.

Please note any corrective actions taken.

N/A

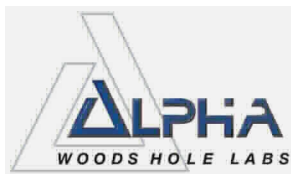
Field Supervisor Name (Printed):

JASON FLATTERY

(Signature):

[Handwritten Signature]

Appendix C
Analytical Laboratory Report
Stockpile Samples 11 July 2007



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
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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
Analytical 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

Date Collected: 07/11/07 12:07

Client ID: SP-A2-20070711-01

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	4.1	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
 Analytical 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

Date Collected: 07/11/07 12:16

Client ID: SP-A4-20070711-01

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	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
Anaytical 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
 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					
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
 Analytical 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
Anaytical 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
Anaytical 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

Date Collected: 07/11/07 13:46

Client ID: SP-B5-20070711-01

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	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
Anaytical 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
Anaytical 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

Date Collected: 07/11/07 13:54

Client ID: SP-C1-20070711-01

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	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
 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					
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
 Analytical 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
 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					
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
Anaytical 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
 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					
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
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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

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

Client Information

Client: FIRM - BOSTON

Project Name: MA EXCAVATION

Address: 399 BOSTON ST. 6TH FLOOR

Project Location: RAVENS - WARD

BOSTON, MA 02116

Project Manager: JASON FLATTERY

Phone: (617) 646-7800

ALPHA Quote #:

Fax: (617) 267-6447

Turn-Around Time

Standard

RUSH (only confirmed if pre-approved)

Email: Jason.Flattery@esr.com

Date Due: 7/18/07

Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Bill of Materials

Same as Client info PO #:

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?

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

9806	1 SP-A1-20070711-01	7/11/07	12:00	S	JRF	X
	2 SP-A2-20070711-01		12:07			X
	3 SP-A3-20070711-01		12:11			X
	4 SP-A4-20070711-01		12:16			X
	5 SP-A5-20070711-01		12:21			X
	6 SP-A6-20070711-01		12:25			X
	7 SP-B1-20070711-01		13:20			X
	8 SP-B2-20070711-01		13:40			X
	9 SP-B3-20070711-01		13:42			X
	10 SP-B4-20070711-01		13:44			X

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!

Container Type H₂O

Relinquished By: [Signature]

Date/Time: 7/11/07

Received By: [Signature]

Date/Time: 7/16/07

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.

CHAIN OF CUSTODY

Page 2 of 2

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

Project Information
 Project Name: NA EXCAVATION
 Project Location: RAYTHEON - WYLUKID
 Project #: 0051545
 Project Manager: JASON FLATTERY
 ALPHA Quote #:

Date Rec'd in Lab: 7/11/07
Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables

Billing Information
 Same as Client info PO #:

Client: ERM-BOSTON

Address: 399 BOSTON ST 6TH FLOOR
BOSTON, MA 02116

State / Fed Program: MA MCP Criteria: S-2 GW-1

Regulatory Requirements/Report Limits

Phone: (617) 646-7800
 Fax: (617) 267-6417

Turn-Around Time
 Standard RUSH (only confirmed pre-approved)
 Date Due: 7/16/07 Time:

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

Email: Jason.Flattery@erm.com

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
 0260 Low

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	X	H ₂ O	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time
		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		DS	X						

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Rated/Justified By: [Signature] Date/Time: 7/11/07 14:07:30

Received By: [Signature] Date/Time: 7/11/07 2:40

See reverse side.

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

