

Environmental
Resources
Management

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

25 October 2006
Reference: 0042925

Ms. Paula Phillips
Congress Group
33 Arch Street
Boston, MA 02110



RE: Transmittal of Groundwater Analytical Data
Former Raytheon Facility
430 Boston Post Road, Wayland, Massachusetts

Dear Ms. Phillips:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is submitting the results of groundwater sample analyses from the Former Raytheon Facility located at 430 Boston Post Road in Wayland, Massachusetts (Site). The results are submitted pursuant to 310 CMR 40.1403(10) of the Massachusetts Contingency Plan.

ERM collected groundwater samples from 61 wells on portions of the Site within the boundaries of your property between 25 and 28 September 2006. All samples were submitted for laboratory analysis of volatile organic compounds by United States Environmental Protection Agency (USEPA) Method 8260. A subset of the samples, (48 in total), was submitted for dissolved sodium analysis by USEPA Method 6010. Sample analysis was conducted by Alpha Analytical Laboratories of Westborough, Massachusetts. Analytical laboratory reports are attached to this letter.

Ms. Phillips
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If you have any questions or comments, please contact the undersigned at (617) 646-7800 or Louis Burkhardt, Raytheon Company, at (978) 436-8238.

Sincerely,



John C. Drobinski, P.G., LSP
Principal-in-Charge



Jeremy J. Picard, P.G.
Project Manager

enclosures: BWSC-123 - Notice of Environmental Sampling
Alpha Analytical Laboratories Reports L0613772,
L0613818, L0613815, L0613929, L0613895, L0613886

cc: Louis Burkhardt, Raytheon Company
Ben Gould, CMG Environmental
PIP Repositories



NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

BWSC 123

This Notice is Related to
Release Tracking Number

3 22408
3 13302

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 430 Boston Post Road
City/Town: Wayland Zip Code: 01778

B. This notice is being provided to the following party:

1. Name: Congress Group
2. Street Address: 33 Arch Street
City/Town: Boston Zip Code: 02110

C. This notice is being given to inform its recipient (the party listed in Section B):

- 1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice.
- 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.
- 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/has been conducted:

1. Street Address: 430 Boston Post Road
City/Town: Wayland Zip Code: 01778

2. MCP phase of work during which the sampling will be/has been conducted:

- Immediate Response Action
- Release Abatement Measure
- Utility-related Abatement Measure
- Phase I Initial Site Investigation
- Phase II Comprehensive Site Assessment
- Phase III Feasibility Evaluation
- Phase IV Remedy Implementation Plan
- Phase V/Remedy Operation Status
- Post-Class C Operation, Maintenance and Monitoring
- Other _____
(specify)

3. Description of property where sampling will be/has been conducted:

- residential
- commercial
- industrial
- school/playground
- Other _____
(specify)

4. Description of the sampling locations and types (e.g., soil, groundwater) to the extent known at the time of this notice.

Collection of groundwater samples from existing monitoring wells.

E. Contact information related to the party providing this notice:

Contact Name: Louis J. Burkhardt
Street Address: 880 Technology Park Drive, MS 2-2124-01
City/Town: Billerica Zip Code: 01821
Telephone: (978) 436-8238 Email: louis_j_burkhardt@raytheon.com

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the “disposal site”.)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation under the Massachusetts Contingency Plan at a property on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at <http://www.mass.gov/dep/cleanup/oview.htm>. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See <http://mass.gov/dep/about/region/schedule.htm> if you would like to make an appointment to see these files. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.



ANALYTICAL REPORT

Lab Number: L0613772

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

ATTN: Jeremy Picard

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Report Date: 10/03/06

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

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



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Alpha Sample ID	Client ID	Sample Location
L0613772-01	MW-201S-20060925-01	WAYLAND, MA
L0613772-02	MW-201D-20060925-01	WAYLAND, MA
L0613772-03	MW-202S-20060925-01	WAYLAND, MA
L0613772-04	MW-202M-20060925-01	WAYLAND, MA
L0613772-05	MW-201M-20060925-01	WAYLAND, MA
L0613772-06	MW-204S-20060925-01	WAYLAND, MA
L0613772-07	MW-204M-20060925-01	WAYLAND, MA
L0613772-08	MW-208S-20060925-01	WAYLAND, MA
L0613772-09	MW-208M-20060925-01	WAYLAND, MA
L0613772-10	MW-204D-20060925-01	WAYLAND, MA
L0613772-11	MW-102-20060925-01	WAYLAND, MA
L0613772-12	MW-103-20060925-01	WAYLAND, MA
L0613772-13	MW-214-20060925-01	WAYLAND, MA
L0613772-14	MW-213-20060925-01	WAYLAND, MA
L0613772-15	MW-216D-20060925-01	WAYLAND, MA
L0613772-16	MW-554S-20060925-01	WAYLAND, MA
L0613772-17	MW-554D-20060925-01	WAYLAND, MA
L0613772-18	MW-556S-20060925-01	WAYLAND, MA
L0613772-19	MW-554MB-20060925-01	WAYLAND, MA
L0613772-20	MW-554MA-20060925-01	WAYLAND, MA
L0613772-21	MW-556D-20060925-01	WAYLAND, MA
L0613772-22	MW-556M-20060925-01	WAYLAND, MA
L0613772-23	DUP-002-20060925-01	WAYLAND, MA
L0613772-24	MW-101-20060925-01	WAYLAND, MA
L0613772-25	TB-001-20060925-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

MADEP MCP Response Action Analytical Report Certification**The following questions pertain only to MCP Analytical Methods**

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

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

L0613772-11 had a pH >2.

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0613772-05: 5x

L0613772-07, -11, -13: 2x

In reference to question E:

The surrogate % recovery for Dibromofluoromethane is below the acceptance criteria for the method on L0613772-09. Re-analysis confirmed the low surrogate. Both analyses are reported.

WG254994-7,8:

The LCS/LCSD % recoveries for Dichlorodifluoromethane are above the acceptance criteria for the method.

WG255499-1,2; WG255500-1,2:

Several LCS/LCSD RPDs are above the acceptance criteria for the method.

WG255500-4,5:

The MSD % recovery for cis-1,3-Dichloropropene is below the acceptance criteria for the method.

The MS/MSD RPD for Trichloroethene is above the acceptance criteria for the method possibly due to sample matrix; the sample used has a high concentration of this compound.

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

Metals

L0613772-14, -23, and -24 have elevated detection limits for Sodium due to the 2x dilutions required by the elevated concentrations of Sodium in the samples.

In reference to question F:

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Case Narrative (continued)

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/03/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-01
 Client ID: MW-201S-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 19:29
 Analyst: RY

Date Collected: 09/25/06 13:55
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.69		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	3.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-01

Date Collected: 09/25/06 13:55

Client ID: MW-201S-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-02
 Client ID: MW-201D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 20:07
 Analyst: RY

Date Collected: 09/25/06 15:20
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	2.5		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-02
 Client ID: MW-201D-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 15:20
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-03
 Client ID: MW-202S-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 20:46
 Analyst: RY

Date Collected: 09/25/06 15:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-03
 Client ID: MW-202S-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 15:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-04
 Client ID: MW-202M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 13:48
 Analyst: PD

Date Collected: 09/25/06 14:30
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	16		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	1.7		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	53		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-04
 Client ID: MW-202M-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 14:30
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-05
 Client ID: MW-201M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 14:27
 Analyst: PD

Date Collected: 09/25/06 16:25
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	25	5
1,1-Dichloroethane	ND		ug/l	3.8	5
Chloroform	ND		ug/l	3.8	5
Carbon tetrachloride	ND		ug/l	2.5	5
1,2-Dichloropropane	ND		ug/l	8.8	5
Dibromochloromethane	ND		ug/l	2.5	5
1,1,2-Trichloroethane	ND		ug/l	3.8	5
Tetrachloroethene	ND		ug/l	2.5	5
Chlorobenzene	ND		ug/l	2.5	5
1,2-Dichloroethane	ND		ug/l	2.5	5
1,1,1-Trichloroethane	ND		ug/l	2.5	5
Bromodichloromethane	ND		ug/l	2.5	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	5
Bromoform	ND		ug/l	10	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	5
Chloromethane	ND		ug/l	12	5
Vinyl chloride	ND		ug/l	5.0	5
Chloroethane	ND		ug/l	5.0	5
1,1-Dichloroethene	3.0		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	170		ug/l	2.5	5
1,2-Dichlorobenzene	ND		ug/l	12	5
1,3-Dichlorobenzene	ND		ug/l	12	5
1,4-Dichlorobenzene	ND		ug/l	12	5
cis-1,2-Dichloroethene	11		ug/l	2.5	5
Dichlorodifluoromethane	ND		ug/l	25	5
1,2-Dibromoethane	ND		ug/l	10	5
1,3-Dichloropropane	ND		ug/l	12	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-05
 Client ID: MW-201M-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 16:25
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	12	5
p-Chlorotoluene	ND		ug/l	12	5
Hexachlorobutadiene	ND		ug/l	3.0	5
1,2,4-Trichlorobenzene	ND		ug/l	12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-06
 Client ID: MW-204S-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 18:25
 Analyst: PD

Date Collected: 09/25/06 11:45
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	11		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	0.77		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-06
 Client ID: MW-204S-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 11:45
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-07
Client ID: MW-204M-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Analytical Method: 60,8260B
Analytical Date: 10/02/06 19:03
Analyst: PD

Date Collected: 09/25/06 12:40
Date Received: 09/26/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	ND		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	ND		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	16		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	2.4		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	56		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	ND		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-07
 Client ID: MW-204M-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 12:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	5.0	2
p-Chlorotoluene	ND		ug/l	5.0	2
Hexachlorobutadiene	ND		ug/l	1.2	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-08
 Client ID: MW-208S-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 19:42
 Analyst: PD

Date Collected: 09/25/06 10:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	5.4		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	5.1		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-08
 Client ID: MW-208S-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 10:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-09
 Client ID: MW-208M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 22:02
 Analyst: RY

Date Collected: 09/25/06 12:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	1.7		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	0.67		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.7		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.93		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-09
 Client ID: MW-208M-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 12:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	64		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-09 R
 Client ID: MW-208M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 15:06
 Analyst: RY

Date Collected: 09/25/06 12:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	1.8		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	0.69		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	10		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.0		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-09 R

Date Collected: 09/25/06 12:00

Client ID: MW-208M-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	57		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-10
 Client ID: MW-204D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 20:21
 Analyst: PD

Date Collected: 09/25/06 10:10
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	13		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-10
 Client ID: MW-204D-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 10:10
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-11
 Client ID: MW-102-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 21:00
 Analyst: PD

Date Collected: 09/25/06 14:05
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	1.8		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	ND		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	ND		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	ND		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	79		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	1.2		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-11

Date Collected: 09/25/06 14:05

Client ID: MW-102-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	5.0	2
p-Chlorotoluene	ND		ug/l	5.0	2
Hexachlorobutadiene	ND		ug/l	1.2	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-12
 Client ID: MW-103-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 22:55
 Analyst: PD

Date Collected: 09/25/06 11:14
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-12
 Client ID: MW-103-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 11:14
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-13
 Client ID: MW-214-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/02/06 23:33
 Analyst: PD

Date Collected: 09/25/06 15:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	ND		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	ND		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	ND		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	1.9		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	46		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	2.8		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-13
 Client ID: MW-214-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 15:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	5.0	2
p-Chlorotoluene	ND		ug/l	5.0	2
Hexachlorobutadiene	ND		ug/l	1.2	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	2

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

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-14
 Client ID: MW-213-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 23:19
 Analyst: RY

Date Collected: 09/25/06 12:36
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.51		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.7		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-14
 Client ID: MW-213-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 12:36
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-15
 Client ID: MW-216D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 09/30/06 23:56
 Analyst: RY

Date Collected: 09/25/06 10:00
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	18		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.9		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-15
 Client ID: MW-216D-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 10:00
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-16
 Client ID: MW-554S-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 00:11
 Analyst: PD

Date Collected: 09/25/06 16:45
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-16
 Client ID: MW-554S-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 16:45
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-17
 Client ID: MW-554D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 00:49
 Analyst: PD

Date Collected: 09/25/06 16:00
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.59		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-17

Date Collected: 09/25/06 16:00

Client ID: MW-554D-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-18
Client ID: MW-556S-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Anaytical Method: 60,8260B
Analytical Date: 10/03/06 01:27
Analyst: PD

Date Collected: 09/25/06 13:40
Date Received: 09/26/06
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-18
 Client ID: MW-556S-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 13:40
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-19
 Client ID: MW-554MB-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 02:05
 Analyst: PD

Date Collected: 09/25/06 15:25
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-19

Date Collected: 09/25/06 15:25

Client ID: MW-554MB-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-20

Date Collected: 09/25/06 16:10

Client ID: MW-554MA-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Not Specified

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/03/06 02:42

Analyst: PD

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-20

Date Collected: 09/25/06 16:10

Client ID: MW-554MA-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-21
 Client ID: MW-556D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 03:20
 Analyst: PD

Date Collected: 09/25/06 12:42
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-21

Date Collected: 09/25/06 12:42

Client ID: MW-556D-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-22
 Client ID: MW-556M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 01:41
 Analyst: BT

Date Collected: 09/25/06 12:50
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-22
 Client ID: MW-556M-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 12:50
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-23
 Client ID: DUP-002-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 02:18
 Analyst: BT

Date Collected: 09/25/06 00:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.5		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-23
 Client ID: DUP-002-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 00:00
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-24
 Client ID: MW-101-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 02:55
 Analyst: BT

Date Collected: 09/25/06 15:30
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.4		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-24

Date Collected: 09/25/06 15:30

Client ID: MW-101-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-25
Client ID: TB-001-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Analytical Method: 60,8260B
Analytical Date: 10/03/06 12:38
Analyst: BT

Date Collected: 09/25/06 07:00
Date Received: 09/26/06
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-25
 Client ID: TB-001-20060925-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 07:00
 Date Received: 09/26/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	92		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/03/06 10:45
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
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Volatile Organics by MCP 8260B for sample(s): 25 Batch: WG254994-12

Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/03/06 10:45
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 25 Batch: WG254994-12				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0



Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:45
 Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 25 Batch: WG254994-12				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	89		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:03
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 22-24 Batch: WG254994-9				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:03
Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 22-24 Batch: WG254994-9				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 17:03
 Analyst: BT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 22-24 Batch: WG254994-9				

1,4-Dioxane	ND		ug/l	250
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	89		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 09/30/06 13:42
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-03,09,14-15 Batch: WG255368-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 09/30/06 13:42
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-03,09,14-15 Batch: WG255368-6				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 09/30/06 13:42
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-03,09,14-15 Batch: WG255368-6				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 09:44
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09 Batch: WG255368-9				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 09:44
 Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09 Batch: WG255368-9				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 09:44
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 04-05 Batch: WG255413-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 09:44
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 04-05 Batch: WG255413-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:47
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06-08,10,12-13,16-21 Batch: WG255499-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 17:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06-08,10,12-13,16-21 Batch: WG255499-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:47
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 11 Batch: WG255500-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 17:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 11 Batch: WG255500-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 25 Batch: WG254994-10 WG254994-11					
Methylene chloride	102	100	70-130	2	25
1,1-Dichloroethane	91	96	70-130	5	25
Chloroform	82	83	70-130	1	25
Carbon tetrachloride	84	88	70-130	5	25
1,2-Dichloropropane	100	103	70-130	3	25
Dibromochloromethane	83	83	70-130	0	25
1,1,2-Trichloroethane	109	112	70-130	3	25
Tetrachloroethene	88	89	70-130	1	25
Chlorobenzene	102	102	70-130	0	25
Trichlorofluoromethane	84	87	70-130	4	25
1,2-Dichloroethane	82	79	70-130	4	25
1,1,1-Trichloroethane	76	79	70-130	4	25
Bromodichloromethane	79	83	70-130	5	25
trans-1,3-Dichloropropene	92	93	70-130	1	25
cis-1,3-Dichloropropene	89	90	70-130	1	25
1,1-Dichloropropene	87	88	70-130	1	25
Bromoform	100	106	70-130	6	50
1,1,2,2-Tetrachloroethane	118	120	70-130	2	25
Benzene	101	105	70-130	4	25
Toluene	105	108	70-130	3	25
Ethylbenzene	99	102	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 25 Batch: WG254994-10 WG254994-11					
Chloromethane	103	102	70-130	1	50
Bromomethane	77	88	70-130	13	50
Vinyl chloride	92	94	70-130	2	25
Chloroethane	97	96	70-130	1	25
1,1-Dichloroethene	97	96	70-130	1	25
trans-1,2-Dichloroethene	94	96	70-130	2	25
Trichloroethene	88	91	70-130	3	25
1,2-Dichlorobenzene	97	101	70-130	4	25
1,3-Dichlorobenzene	97	105	70-130	8	25
1,4-Dichlorobenzene	97	103	70-130	6	25
Methyl tert butyl ether	85	85	70-130	0	25
p/m-Xylene	104	106	70-130	2	25
o-Xylene	105	107	70-130	2	25
cis-1,2-Dichloroethene	97	98	70-130	1	25
Dibromomethane	95	89	70-130	7	25
1,2,3-Trichloropropane	115	119	70-130	3	25
Styrene	102	101	70-130	1	25
Dichlorodifluoromethane	129	129	70-130	0	50
Acetone	80	82	70-130	2	50
Carbon disulfide	77	79	70-130	3	25
2-Butanone	100	97	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 25 Batch: WG254994-10 WG254994-11					
4-Methyl-2-pentanone	110	94	70-130	16	50
2-Hexanone	108	97	70-130	11	50
Bromochloromethane	97	94	70-130	3	25
Tetrahydrofuran	95	96	70-130	1	25
2,2-Dichloropropane	88	92	70-130	4	50
1,2-Dibromoethane	98	95	70-130	3	25
1,3-Dichloropropane	103	102	70-130	1	25
1,1,1,2-Tetrachloroethane	90	93	70-130	3	25
Bromobenzene	96	103	70-130	7	25
n-Butylbenzene	96	102	70-130	6	25
sec-Butylbenzene	99	107	70-130	8	25
tert-Butylbenzene	94	101	70-130	7	25
o-Chlorotoluene	97	105	70-130	8	25
p-Chlorotoluene	98	104	70-130	6	25
1,2-Dibromo-3-chloropropane	87	92	70-130	6	50
Hexachlorobutadiene	74	81	70-130	9	25
Isopropylbenzene	101	102	70-130	1	25
p-Isopropyltoluene	96	104	70-130	8	25
Naphthalene	93	101	70-130	8	25
n-Propylbenzene	102	108	70-130	6	25
1,2,3-Trichlorobenzene	90	98	70-130	9	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 25 Batch: WG254994-10 WG254994-11					
1,2,4-Trichlorobenzene	86	92	70-130	7	25
1,3,5-Trimethylbenzene	98	103	70-130	5	25
1,2,4-Trimethylbenzene	95	102	70-130	7	25
Ethyl ether	110	109	70-130	1	25
Isopropyl Ether	96	100	70-130	4	25
Ethyl-Tert-Butyl-Ether	90	90	70-130	0	25
Tertiary-Amyl Methyl Ether	87	86	70-130	1	25
1,4-Dioxane	86	71	70-130	19	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85	80	70-130
Toluene-d8	109	107	70-130
4-Bromofluorobenzene	104	106	70-130
Dibromofluoromethane	94	90	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 22-24 Batch: WG254994-7 WG254994-8					
Methylene chloride	111	106	70-130	5	25
1,1-Dichloroethane	108	97	70-130	11	25
Chloroform	89	83	70-130	7	25
Carbon tetrachloride	92	84	70-130	9	25
1,2-Dichloropropane	112	101	70-130	10	25
Dibromochloromethane	91	85	70-130	7	25
1,1,2-Trichloroethane	115	106	70-130	8	25
Tetrachloroethene	98	88	70-130	11	25
Chlorobenzene	107	99	70-130	8	25
Trichlorofluoromethane	96	86	70-130	11	25
1,2-Dichloroethane	92	85	70-130	8	25
1,1,1-Trichloroethane	88	80	70-130	10	25
Bromodichloromethane	89	85	70-130	5	25
trans-1,3-Dichloropropene	99	93	70-130	6	25
cis-1,3-Dichloropropene	100	91	70-130	9	25
1,1-Dichloropropene	98	87	70-130	12	25
Bromoform	110	108	70-130	2	50
1,1,2,2-Tetrachloroethane	127	118	70-130	7	25
Benzene	116	105	70-130	10	25
Toluene	114	102	70-130	11	25
Ethylbenzene	106	97	70-130	9	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 22-24 Batch: WG254994-7 WG254994-8					
Chloromethane	113	103	70-130	9	50
Bromomethane	97	95	70-130	2	50
Vinyl chloride	105	95	70-130	10	25
Chloroethane	102	95	70-130	7	25
1,1-Dichloroethene	112	102	70-130	9	25
trans-1,2-Dichloroethene	113	98	70-130	14	25
Trichloroethene	102	89	70-130	14	25
1,2-Dichlorobenzene	105	96	70-130	9	25
1,3-Dichlorobenzene	108	96	70-130	12	25
1,4-Dichlorobenzene	106	100	70-130	6	25
Methyl tert butyl ether	104	99	70-130	5	25
p/m-Xylene	111	100	70-130	10	25
o-Xylene	112	101	70-130	10	25
cis-1,2-Dichloroethene	110	98	70-130	12	25
Dibromomethane	103	96	70-130	7	25
1,2,3-Trichloropropane	125	121	70-130	3	25
Styrene	107	98	70-130	9	25
Dichlorodifluoromethane	156	137	70-130	13	50
Acetone	90	90	70-130	0	50
Carbon disulfide	101	89	70-130	13	25
2-Butanone	116	112	70-130	4	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 22-24 Batch: WG254994-7 WG254994-8					
4-Methyl-2-pentanone	118	111	70-130	6	50
2-Hexanone	116	106	70-130	9	50
Bromochloromethane	108	90	70-130	18	25
Tetrahydrofuran	104	104	70-130	0	25
2,2-Dichloropropane	100	90	70-130	11	50
1,2-Dibromoethane	102	98	70-130	4	25
1,3-Dichloropropane	111	102	70-130	8	25
1,1,1,2-Tetrachloroethane	94	92	70-130	2	25
Bromobenzene	104	97	70-130	7	25
n-Butylbenzene	108	97	70-130	11	25
sec-Butylbenzene	110	99	70-130	11	25
tert-Butylbenzene	106	94	70-130	12	25
o-Chlorotoluene	108	98	70-130	10	25
p-Chlorotoluene	106	100	70-130	6	25
1,2-Dibromo-3-chloropropane	100	95	70-130	5	50
Hexachlorobutadiene	88	76	70-130	15	25
Isopropylbenzene	108	97	70-130	11	25
p-Isopropyltoluene	109	99	70-130	10	25
Naphthalene	108	106	70-130	2	25
n-Propylbenzene	113	102	70-130	10	25
1,2,3-Trichlorobenzene	103	99	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 22-24 Batch: WG254994-7 WG254994-8					
1,2,4-Trichlorobenzene	98	91	70-130	7	25
1,3,5-Trimethylbenzene	106	97	70-130	9	25
1,2,4-Trimethylbenzene	105	97	70-130	8	25
Ethyl ether	123	114	70-130	8	25
Isopropyl Ether	115	101	70-130	13	25
Ethyl-Tert-Butyl-Ether	108	98	70-130	10	25
Tertiary-Amyl Methyl Ether	104	94	70-130	10	25
1,4-Dioxane	117	102	70-130	14	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89	89	70-130
Toluene-d8	105	106	70-130
4-Bromofluorobenzene	103	108	70-130
Dibromofluoromethane	92	94	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-03,09,14-15 Batch: WG255368-4 WG255368-5					
Methylene chloride	99	100	70-130	1	25
1,1-Dichloroethane	104	100	70-130	4	25
Chloroform	104	98	70-130	6	25
Carbon tetrachloride	111	106	70-130	5	25
1,2-Dichloropropane	101	99	70-130	2	25
Dibromochloromethane	106	103	70-130	3	25
1,1,2-Trichloroethane	103	102	70-130	1	25
Tetrachloroethene	115	109	70-130	5	25
Chlorobenzene	111	108	70-130	3	25
1,2-Dichloroethane	107	104	70-130	3	25
1,1,1-Trichloroethane	107	103	70-130	4	25
Bromodichloromethane	104	100	70-130	4	25
trans-1,3-Dichloropropene	97	94	70-130	3	25
cis-1,3-Dichloropropene	96	94	70-130	2	25
Bromoform	105	103	70-130	2	50
1,1,2,2-Tetrachloroethane	94	96	70-130	2	25
Chloromethane	105	101	70-130	4	50
Vinyl chloride	109	103	70-130	6	25
Chloroethane	111	110	70-130	1	25
1,1-Dichloroethene	99	97	70-130	2	25
trans-1,2-Dichloroethene	107	100	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-03,09,14-15 Batch: WG255368-4 WG255368-5					
Trichloroethene	108	104	70-130	4	25
1,2-Dichlorobenzene	111	108	70-130	3	25
1,3-Dichlorobenzene	114	110	70-130	4	25
1,4-Dichlorobenzene	112	108	70-130	4	25
cis-1,2-Dichloroethene	107	105	70-130	2	25
Dichlorodifluoromethane	105	97	70-130	8	50
1,2-Dibromoethane	107	106	70-130	1	25
1,3-Dichloropropane	104	102	70-130	2	25
1,1,1,2-Tetrachloroethane	115	111	70-130	4	25
o-Chlorotoluene	99	98	70-130	1	25
p-Chlorotoluene	107	104	70-130	3	25
Hexachlorobutadiene	105	100	70-130	5	25
1,2,4-Trichlorobenzene	108	104	70-130	4	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		100		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09 Batch: WG255368-7 WG255368-8					
Methylene chloride	100	110	70-130	10	25
1,1-Dichloroethane	105	116	70-130	10	25
Chloroform	105	115	70-130	9	25
Carbon tetrachloride	115	128	70-130	11	25
1,2-Dichloropropane	102	113	70-130	10	25
Dibromochloromethane	102	115	70-130	12	25
1,1,2-Trichloroethane	101	110	70-130	9	25
Tetrachloroethene	109	123	70-130	12	25
Chlorobenzene	105	117	70-130	11	25
1,2-Dichloroethane	107	117	70-130	9	25
1,1,1-Trichloroethane	109	122	70-130	11	25
Bromodichloromethane	104	117	70-130	12	25
trans-1,3-Dichloropropene	96	104	70-130	8	25
cis-1,3-Dichloropropene	97	108	70-130	11	25
Bromoform	105	113	70-130	7	50
1,1,2,2-Tetrachloroethane	93	100	70-130	7	25
Chloromethane	108	118	70-130	9	50
Vinyl chloride	111	128	70-130	14	25
Chloroethane	110	130	70-130	17	25
1,1-Dichloroethene	106	116	70-130	9	25
trans-1,2-Dichloroethene	105	118	70-130	12	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09 Batch: WG255368-7 WG255368-8					
Trichloroethene	105	121	70-130	14	25
1,2-Dichlorobenzene	104	117	70-130	12	25
1,3-Dichlorobenzene	105	119	70-130	13	25
1,4-Dichlorobenzene	104	118	70-130	13	25
cis-1,2-Dichloroethene	109	117	70-130	7	25
Dichlorodifluoromethane	104	121	70-130	15	50
1,2-Dibromoethane	106	112	70-130	6	25
1,3-Dichloropropane	102	110	70-130	8	25
1,1,1,2-Tetrachloroethane	109	121	70-130	10	25
o-Chlorotoluene	93	106	70-130	13	25
p-Chlorotoluene	101	115	70-130	13	25
Hexachlorobutadiene	97	113	70-130	15	25
1,2,4-Trichlorobenzene	102	113	70-130	10	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	102		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-05 Batch: WG255413-1 WG255413-2					
Methylene chloride	100	110	70-130	10	25
1,1-Dichloroethane	105	116	70-130	10	25
Chloroform	105	115	70-130	9	25
Carbon tetrachloride	115	128	70-130	11	25
1,2-Dichloropropane	102	113	70-130	10	25
Dibromochloromethane	102	115	70-130	12	25
1,1,2-Trichloroethane	101	110	70-130	9	25
Tetrachloroethene	109	123	70-130	12	25
Chlorobenzene	105	117	70-130	11	25
1,2-Dichloroethane	107	117	70-130	9	25
1,1,1-Trichloroethane	109	122	70-130	11	25
Bromodichloromethane	104	117	70-130	12	25
trans-1,3-Dichloropropene	96	104	70-130	8	25
cis-1,3-Dichloropropene	97	108	70-130	11	25
Bromoform	105	113	70-130	7	50
1,1,2,2-Tetrachloroethane	93	100	70-130	7	25
Chloromethane	108	118	70-130	9	50
Vinyl chloride	111	128	70-130	14	25
Chloroethane	110	130	70-130	17	25
1,1-Dichloroethene	106	116	70-130	9	25
trans-1,2-Dichloroethene	105	118	70-130	12	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-05 Batch: WG255413-1 WG255413-2					
Trichloroethene	105	121	70-130	14	25
1,2-Dichlorobenzene	104	117	70-130	12	25
1,3-Dichlorobenzene	105	119	70-130	13	25
1,4-Dichlorobenzene	104	118	70-130	13	25
cis-1,2-Dichloroethene	109	117	70-130	7	25
Dichlorodifluoromethane	104	121	70-130	15	50
1,2-Dibromoethane	106	112	70-130	6	25
1,3-Dichloropropane	102	110	70-130	8	25
1,1,1,2-Tetrachloroethane	109	121	70-130	10	25
o-Chlorotoluene	93	106	70-130	13	25
p-Chlorotoluene	101	115	70-130	13	25
Hexachlorobutadiene	97	113	70-130	15	25
1,2,4-Trichlorobenzene	102	113	70-130	10	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	102		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06-08,10,12-13,16-21 Batch: WG255499-1 WG255499-2					
Methylene chloride	89	123	70-130	32	25
1,1-Dichloroethane	93	125	70-130	29	25
Chloroform	96	127	70-130	28	25
Carbon tetrachloride	102	130	70-130	24	25
1,2-Dichloropropane	94	123	70-130	27	25
Dibromochloromethane	92	120	70-130	26	25
1,1,2-Trichloroethane	89	120	70-130	30	25
Tetrachloroethene	95	129	70-130	30	25
Chlorobenzene	94	125	70-130	28	25
1,2-Dichloroethane	98	128	70-130	27	25
1,1,1-Trichloroethane	99	130	70-130	27	25
Bromodichloromethane	96	124	70-130	25	25
trans-1,3-Dichloropropene	83	112	70-130	30	25
cis-1,3-Dichloropropene	89	117	70-130	27	25
Bromoform	94	123	70-130	27	50
1,1,2,2-Tetrachloroethane	85	112	70-130	27	25
Chloromethane	92	126	70-130	31	50
Vinyl chloride	97	125	70-130	25	25
Chloroethane	103	130	70-130	23	25
1,1-Dichloroethene	90	126	70-130	33	25
trans-1,2-Dichloroethene	93	124	70-130	29	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06-08,10,12-13,16-21 Batch: WG255499-1 WG255499-2					
Trichloroethene	97	129	70-130	28	25
1,2-Dichlorobenzene	94	126	70-130	29	25
1,3-Dichlorobenzene	94	126	70-130	29	25
1,4-Dichlorobenzene	94	125	70-130	28	25
cis-1,2-Dichloroethene	98	128	70-130	27	25
Dichlorodifluoromethane	82	111	70-130	30	50
1,2-Dibromoethane	94	123	70-130	27	25
1,3-Dichloropropane	92	122	70-130	28	25
1,1,1,2-Tetrachloroethane	96	128	70-130	29	25
o-Chlorotoluene	83	112	70-130	30	25
p-Chlorotoluene	89	120	70-130	30	25
Hexachlorobutadiene	88	118	70-130	29	25
1,2,4-Trichlorobenzene	91	123	70-130	30	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11 Batch: WG255500-1 WG255500-2					
Methylene chloride	89	123	70-130	32	25
1,1-Dichloroethane	93	125	70-130	29	25
Chloroform	96	127	70-130	28	25
Carbon tetrachloride	102	130	70-130	24	25
1,2-Dichloropropane	94	123	70-130	27	25
Dibromochloromethane	92	120	70-130	26	25
1,1,2-Trichloroethane	89	120	70-130	30	25
Tetrachloroethene	95	129	70-130	30	25
Chlorobenzene	94	125	70-130	28	25
1,2-Dichloroethane	98	128	70-130	27	25
1,1,1-Trichloroethane	99	130	70-130	27	25
Bromodichloromethane	96	124	70-130	25	25
trans-1,3-Dichloropropene	83	112	70-130	30	25
cis-1,3-Dichloropropene	89	117	70-130	27	25
Bromoform	94	123	70-130	27	50
1,1,2,2-Tetrachloroethane	85	112	70-130	27	25
Chloromethane	92	126	70-130	31	50
Vinyl chloride	97	125	70-130	25	25
Chloroethane	103	130	70-130	23	25
1,1-Dichloroethene	90	126	70-130	33	25
trans-1,2-Dichloroethene	93	124	70-130	29	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11 Batch: WG255500-1 WG255500-2					
Trichloroethene	97	129	70-130	28	25
1,2-Dichlorobenzene	94	126	70-130	29	25
1,3-Dichlorobenzene	94	126	70-130	29	25
1,4-Dichlorobenzene	94	125	70-130	28	25
cis-1,2-Dichloroethene	98	128	70-130	27	25
Dichlorodifluoromethane	82	111	70-130	30	50
1,2-Dibromoethane	94	123	70-130	27	25
1,3-Dichloropropane	92	122	70-130	28	25
1,1,1,2-Tetrachloroethane	96	128	70-130	29	25
o-Chlorotoluene	83	112	70-130	30	25
p-Chlorotoluene	89	120	70-130	30	25
Hexachlorobutadiene	88	118	70-130	29	25
1,2,4-Trichlorobenzene	91	123	70-130	30	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	103		104		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 11 QC Batch ID: WG255500-4 WG255500-5 QC Sample: L0613772-11 Client ID: MW-102-20060925-01										
Methylene chloride	ND	20	22	111	19	96	70-130	14	30	
1,1-Dichloroethane	1.8	20	25	118	21	98	70-130	19	30	
Chloroform	ND	20	24	120	20	101	70-130	17	30	
Carbon tetrachloride	ND	20	26	129	22	108	70-130	18	30	
1,2-Dichloropropane	ND	20	24	119	20	98	70-130	19	30	
Dibromochloromethane	ND	20	22	112	19	95	70-130	16	30	
1,1,2-Trichloroethane	ND	20	22	112	19	94	70-130	17	30	
Tetrachloroethene	ND	20	24	120	20	102	70-130	16	30	
Chlorobenzene	ND	20	23	116	20	99	70-130	16	30	
1,2-Dichloroethane	ND	20	25	124	21	106	70-130	16	30	
1,1,1-Trichloroethane	ND	20	25	126	21	104	70-130	19	30	
Bromodichloromethane	ND	20	24	118	20	98	70-130	19	30	
trans-1,3-Dichloropropene	ND	20	18	93	16	78	70-130	18	30	
cis-1,3-Dichloropropene	ND	20	17	84	13	67	70-130	23	30	
Bromoform	ND	20	23	114	19	95	70-130	18	30	
1,1,2,2-Tetrachloroethane	ND	20	21	104	17	86	70-130	19	30	
Chloromethane	ND	20	20	99	18	88	70-130	12	30	
Vinyl chloride	ND	20	23	117	20	99	70-130	17	30	
Chloroethane	ND	20	25	126	21	104	70-130	19	30	
1,1-Dichloroethene	ND	20	23	115	19	97	70-130	17	30	
trans-1,2-Dichloroethene	ND	20	23	114	19	96	70-130	17	30	

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 11 QC Batch ID: WG255500-4 WG255500-5 QC Sample: L0613772-11 Client ID: MW-102-20060925-01										
Trichloroethene	79	20	100	115	96	84	70-130	31	30	
1,2-Dichlorobenzene	ND	20	24	118	20	99	70-130	18	30	
1,3-Dichlorobenzene	ND	20	23	117	19	97	70-130	19	30	
1,4-Dichlorobenzene	ND	20	23	116	19	97	70-130	18	30	
cis-1,2-Dichloroethene	1.2	20	26	122	22	105	70-130	15	30	
Dichlorodifluoromethane	ND	20	17	87	15	73	70-130	18	30	
1,2-Dibromoethane	ND	20	22	112	19	97	70-130	14	30	
1,3-Dichloropropane	ND	20	22	109	19	94	70-130	15	30	
1,1,1,2-Tetrachloroethane	ND	20	24	120	20	102	70-130	16	30	
o-Chlorotoluene	ND	20	21	105	17	85	70-130	21	30	
p-Chlorotoluene	ND	20	22	112	19	93	70-130	19	30	
Hexachlorobutadiene	ND	20	22	108	17	87	70-130	22	30	
1,2,4-Trichlorobenzene	ND	20	22	112	18	93	70-130	19	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	107		103		70-130
4-Bromofluorobenzene	97		94		70-130
Dibromofluoromethane	105		104		70-130
Toluene-d8	95		96		70-130



METALS



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-01

Date Collected: 09/25/06 13:55

Client ID: MW-201S-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	64		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:26	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-02
 Client ID: MW-201D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/25/06 15:20
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	92		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:31	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-03

Date Collected: 09/25/06 15:40

Client ID: MW-202S-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	32		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:35	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-04

Date Collected: 09/25/06 14:30

Client ID: MW-202M-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	18		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:39	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-05

Date Collected: 09/25/06 16:25

Client ID: MW-201M-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:44	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-06

Date Collected: 09/25/06 11:45

Client ID: MW-204S-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	28		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:48	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-07
 Client ID: MW-204M-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/25/06 12:40
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	31		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:53	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-08

Date Collected: 09/25/06 10:00

Client ID: MW-208S-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	49		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:19	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-09

Date Collected: 09/25/06 12:00

Client ID: MW-208M-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	56		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:24	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-10
 Client ID: MW-204D-20060925-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/25/06 10:10
 Date Received: 09/26/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	63		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:28	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-11

Date Collected: 09/25/06 14:05

Client ID: MW-102-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	130		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:32	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-12

Date Collected: 09/25/06 11:14

Client ID: MW-103-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	140		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:48	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-13

Date Collected: 09/25/06 15:40

Client ID: MW-214-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	35		mg/l	2.0	1	09/27/06 15:20	10/03/06 02:52	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-14

Date Collected: 09/25/06 12:36

Client ID: MW-213-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	180		mg/l	4.0	2	09/27/06 15:20	10/03/06 11:00	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-23

Date Collected: 09/25/06 00:00

Client ID: DUP-002-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	160		mg/l	4.0	2	09/27/06 15:20	10/03/06 11:04	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613772**Project Number:** 42925**Report Date:** 10/03/06**SAMPLE RESULTS**

Lab ID: L0613772-24

Date Collected: 09/25/06 15:30

Client ID: MW-101-20060925-01

Date Received: 09/26/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	160		mg/l	4.0	2	09/27/06 15:20	10/03/06 11:09	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-14,23-24 Batch: WG254898-1									
Sodium, Dissolved	ND		mg/l	2.0	1	09/27/06 15:20	10/03/06 01:10	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-14,23-24 Batch: WG254898-2 WG254898-3					
Sodium, Dissolved	94	93	80-120	1	20

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Parameter	Native Sample	MS Added	MS Found	MS	MSD Found	MSD	Recovery	RPD	RPD Limits
				%Recovery		%Recovery	Limits		
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-14,23-24 QC Batch ID: WG254898-4 WG254898-5 QC Sample: L0613772-11 Client ID: MW-102-20060925-01									
Sodium, Dissolved	130	10	140	100	140	100	75-125	0	20

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613772

Project Number: 42925

Report Date: 10/03/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613772-01A	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-01B	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-01C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-02A	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-02B	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-02C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-03A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-03B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-03C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-04A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-04B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-04C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-05A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-05B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-05C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-06A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-06B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-06C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-07A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-07B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-07C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-08A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-08B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-08C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-09A	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-09B	Vial Na ₂ S ₂ O ₃ preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-09C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-10A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-10B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-10C	Plastic 250ml HNO ₃ preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613772-11A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-11E	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11F	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11G	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11H	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-11I	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-11J	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-12A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-12B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-12C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-13A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-13B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-13C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-14A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-14B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-14C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-15A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-15B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-16A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-16B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-17A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-17B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-18A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-18B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-19A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-19B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-20A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-20B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-21A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-21B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-22A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-22B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-23A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-23B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613772-23C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-24A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-24B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-24C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-25A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-25B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04

Container Comments

L0613772-01A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:02 .						
L0613772-02A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:03 .						
L0613772-03A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:03 .						
L0613772-04A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:03 .						
L0613772-09A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:03 .						
L0613772-11A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:03 .						
L0613772-14A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:04 .						
L0613772-15A	This container has not been properly returned to CUSTODY! It was last assigned to THOANG for department CUSTODY on 09/26/06 17:04 .						

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

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.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613772
Report Date: 10/03/06

REFERENCES

- 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.



10030617.06



WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 9/26

ALPHA Job #: L0613772

Client Information

Client: ERM
Address: 399 Boylston St, 6th Floor
Boston, MA 02116
Phone: (617) 646-7800
Fax: (617) 267-6447
Email: jeremy.picard@erm.com

Project Information

Project Name: Raytheon, Wayland
Project Location: Wayland, MA
Project #: 42925
Project Manager: Jeremy Picard
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/3 Time:

Other Project Specific Requirements/Comments/Detection Limits:

preservative "0" = Sodium thioSulfate, ~~HOONAS~~ (DUP)

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA / MCP Criteria: 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?

ANALYSIS
8021c by 8260
Diss. Na (FF)
8021c by 8260

SAMPLE HANDLING

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

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		TOTAL # BOTTLES
		Date	Time			8021c	Diss. Na (FF)	
3772	DUP-001-20060925-01	9/25	12:40	GW	BM			1
1	MW-201S-20060925-01	9/25	13:55	GW	BM			3
3772	2 MW-201D-20060925-01	9/25	15:20	GW	BM			3
3	MW-202S-20060925-01	9/25	15:45	GW	HEA			3
4	MW-202M-20060925-01	9/25	14:30	GW	HEA			3
5	MW-201M-20060925-01	9/25	16:25	GW	BM			3
6	MW-204S-20060925-01	9/25	11:45	GW	HEA			3
7	MW-204M-20060925-01	9/25	12:40	GW	HEA			3
8	MW-208S-20060925-01	9/25	10:00	GW	BM			3
9	MW-208M-20060925-01	9/25	12:00	GW	BM			3

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type: V P V
Preservative: B C O

Released By: [Signature] Date/Time: 9/26/06 9:55
Received By: [Signature] Date/Time: 9/26/06 10:50

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.

10030617.06



CHAIN OF CUSTODY

PAGE 2 OF 3

Date Rec'd in Lab: 9/26

ALPHA Job #: 20613772

WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: Raytheon, Wayland
 Project Location: Wayland, MA
 Project #: ~~42925~~ 42925
 Project Manager: Jeremy Picard
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM
 Address: 399 Boylston St, 6th Floor
Boston, MA 02116
 Phone: (617) 646-7800
 Fax: (617) 267-6447
 Email: jeremy.picard@erm.com
 These samples have been previously analyzed by Alpha

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: 10/3 Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria
MA / MCP 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?

Other Project Specific Requirements/Comments/Detection Limits:
preservative "0" = Sodium thiosulfate, #0.05 Na₂S

ANALYSIS
 802/c by 8260
 Diss. Na (FF)
 802/c by 8260

SAMPLE HANDLING

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments										TOTAL # BOTTLES					
		Date	Time																		
3772	10-MW-204D-20060925-01	9/25	10:10	GW	HEA	2	1														3
	11-MW-102-20060925-01-MS	9/25	14:05	GW	JDF	2	2														3
	11-MW-102-20060925-01-MS	9/25	14:05	GW	JDF	2	2														3
	11-MW-102-20060925-01	9/25	14:05	GW	JDF	2	2														3
	12-MW-103-20060925-01	9/25	11:14	GW	JDF	2	1														3
	13-MW-214-20060925-01	9/25	15:40	GW	JDF	2	1														3
	14-MW-213-20060925-01	9/25	12:36	GW	JDF	2	2														3
	15-MW-216D-20060925-01	9/25	10:00	GW	TD	2	2														2
	16-MW-554S-20060925-01	9/25	16:45	GW	TD	2															2
	17-MW-554D-20060925-01	9/25	16:00	GW	TD	2															2

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type V P C V
 Preservative B C S

Relinquished By: [Signature] Date/Time: 9/26/06 9:55
 Received By: [Signature] Date/Time: 9/26/06 10:50

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.

FORM NC: 01-01 (rev. 10-OCT-05)

10030617:06



CHAIN OF CUSTODY PAGE 3 OF 3

WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3268

Date Rec'd in Lab: 9/26

ALPHA Job #: LOG13772

Project Information

Project Name: Raytheon, Wayland
Project Location: Wayland, MA
Project #: 42925
Project Manager: Jeremy Picard
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM
Address: 399 Boylston St, 6th Floor
Boston, MA 02116
Phone: (617) 646-7800
Fax: (617) 267-6447
Email: jeremy.picard@erm.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 10/3 Time:

Regulatory Requirements/Report Limits

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

MA MCPPRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "0" = Sodium Thiosulfate
~~H₂O₂ Na₂S₂O₅~~

ANALYSIS
802/C by 8/26/06
DISS. Na (FF)

SAMPLE HANDLING

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials							Sample Specific Comments		
		Date	Time											
3772 18	MW-556S-20060925-01	9/25/06	13:40	GW	EJM	2								2
19	MW-554MB-20060925-01	9/25	15:25	GW	EJM	2								2
20	MW-554MA-20060925-01	9/25	16:10	GW	EJM	2								2
21	MW-556D-20060925-01	9/25	12:42	GW	EJM	2								2
22	MW-556M-20060925-01	9/25	12:50	GW	TD	2								2
23	DUP-002-20060925-01	9/25	24:00	GW	JDF	2	1							3
24	MW-101-20060925-01	9/25	15:30	GW	JDF	2	1							3
25	TB-001-20060925-01	9/25	07:00	LW	ESM	2								2

PLEASE ANSWER QUESTIONS ABOVE!

Container Type: V P
Preservative: B

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:

Date/Time: 9/26/06 9:35

Received By:

Date/Time: 9/26/06 10:00

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



ANALYTICAL REPORT

Lab Number: L0613818

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

ATTN: Jeremy Picard

Project Name: RAYTHEON

Project Number: 42925

Report Date: 10/04/06

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

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



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Alpha Sample ID	Client ID	Sample Location
L0613818-01	TB-002-20060926-01	WAYLAND
L0613818-02	MW-553-20060926-01	WAYLAND
L0613818-03	MW-552-20060926-01	WAYLAND
L0613818-04	DUP-004-20060926-01	WAYLAND
L0613818-05	MW-267S-20060926-01	WAYLAND
L0613818-06	MW-267M-20060926-01	WAYLAND
L0613818-07	MW-266MA-20060926-01	WAYLAND
L0613818-08	MW-266MB-20060926-01	WAYLAND
L0613818-09	DUP-001-20060926-01	WAYLAND
L0613818-10	MW-265M-20060926-01	WAYLAND
L0613818-11	MW-268M-20060926-01	WAYLAND
L0613818-12	MW-264M-20060926-01	WAYLAND
L0613818-13	MW-551-20060926-01	WAYLAND
L0613818-14	DUP-003-20060926-01	WAYLAND
L0613818-15	MW-268D-20060926-01	WAYLAND
L0613818-16	MW-555MB-20060926-01	WAYLAND
L0613818-17	MW-555D-20060926-01	WAYLAND
L0613818-18	MW-555S-20060926-01	WAYLAND
L0613818-19	MW-555MA-20060926-01	WAYLAND

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

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

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0613818-02, -04 (10x)

L0613818-03 (200x)

L0613818-05, 08 (10x)

L0613818-06 (20x)

L0613818-09, 12 (5x)

L0613818-10 (25x)

L0613818-11 (100x)

In reference to question E:

The WG255589-5 MSD % recovery for trichloroethene recovery is below criteria due to sample matrix.

The WG255675-1,2 LCS,LCSD have low recoveries for dichlorodifluoromethane and a low recovery for 1,2-dibromo-3-chloropropane (in the LCS), both difficult analytes

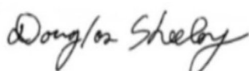
The WG255675-4,5 LCS,LCSD have low recoveries for 1,4-dioxane (in the LCS) and 1,2-dibromo-3-chloropropane, both difficult analytes

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/04/06

ORGANICS

VOLATILES

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-01
 Client ID: TB-002-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 11:57
 Analyst: RY

Date Collected: 09/25/06 11:15
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-01
 Client ID: TB-002-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/25/06 11:15
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

SAMPLE RESULTS

Lab ID: L0613818-02
 Client ID: MW-553-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 12:34
 Analyst: RY

Date Collected: 09/26/06 16:15
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	33		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	ND		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	520		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	95		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-02
 Client ID: MW-553-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 16:15
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	25	10
p-Chlorotoluene	ND		ug/l	25	10
Hexachlorobutadiene	ND		ug/l	6.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-03
 Client ID: MW-552-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 13:11
 Analyst: RY

Date Collected: 09/26/06 13:28
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	1000	200
1,1-Dichloroethane	ND		ug/l	150	200
Chloroform	ND		ug/l	150	200
Carbon tetrachloride	ND		ug/l	100	200
1,2-Dichloropropane	ND		ug/l	350	200
Dibromochloromethane	ND		ug/l	100	200
1,1,2-Trichloroethane	ND		ug/l	150	200
Tetrachloroethene	190		ug/l	100	200
Chlorobenzene	ND		ug/l	100	200
1,2-Dichloroethane	ND		ug/l	100	200
1,1,1-Trichloroethane	ND		ug/l	100	200
Bromodichloromethane	ND		ug/l	100	200
trans-1,3-Dichloropropene	ND		ug/l	100	200
cis-1,3-Dichloropropene	ND		ug/l	100	200
Bromoform	ND		ug/l	400	200
1,1,2,2-Tetrachloroethane	ND		ug/l	100	200
Chloromethane	ND		ug/l	500	200
Vinyl chloride	ND		ug/l	200	200
Chloroethane	ND		ug/l	200	200
1,1-Dichloroethene	ND		ug/l	100	200
trans-1,2-Dichloroethene	ND		ug/l	150	200
Trichloroethene	4400		ug/l	100	200
1,2-Dichlorobenzene	ND		ug/l	500	200
1,3-Dichlorobenzene	ND		ug/l	500	200
1,4-Dichlorobenzene	ND		ug/l	500	200
cis-1,2-Dichloroethene	280		ug/l	100	200
Dichlorodifluoromethane	ND		ug/l	1000	200
1,2-Dibromoethane	ND		ug/l	400	200
1,3-Dichloropropane	ND		ug/l	500	200
1,1,1,2-Tetrachloroethane	ND		ug/l	100	200

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-03

Date Collected: 09/26/06 13:28

Client ID: MW-552-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	500	200
p-Chlorotoluene	ND		ug/l	500	200
Hexachlorobutadiene	ND		ug/l	120	200
1,2,4-Trichlorobenzene	ND		ug/l	500	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-04
 Client ID: DUP-004-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:39
 Analyst: RY

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	5.6		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	ND		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	300		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	59		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-04

Date Collected: 09/26/06 00:00

Client ID: DUP-004-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	25	10
p-Chlorotoluene	ND		ug/l	25	10
Hexachlorobutadiene	ND		ug/l	6.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

SAMPLE RESULTS

Lab ID: L0613818-05
 Client ID: MW-267S-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 17:26
 Analyst: PD

Date Collected: 09/26/06 10:34
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	6.2		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	ND		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	380		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	76		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-05
 Client ID: MW-267S-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 10:34
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	25	10
p-Chlorotoluene	ND		ug/l	25	10
Hexachlorobutadiene	ND		ug/l	6.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

SAMPLE RESULTS

Lab ID: L0613818-06
 Client ID: MW-267M-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 18:05
 Analyst: PD

Date Collected: 09/26/06 11:50
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	100	20
1,1-Dichloroethane	ND		ug/l	15	20
Chloroform	ND		ug/l	15	20
Carbon tetrachloride	ND		ug/l	10	20
1,2-Dichloropropane	ND		ug/l	35	20
Dibromochloromethane	ND		ug/l	10	20
1,1,2-Trichloroethane	ND		ug/l	15	20
Tetrachloroethene	40		ug/l	10	20
Chlorobenzene	ND		ug/l	10	20
1,2-Dichloroethane	ND		ug/l	10	20
1,1,1-Trichloroethane	ND		ug/l	10	20
Bromodichloromethane	ND		ug/l	10	20
trans-1,3-Dichloropropene	ND		ug/l	10	20
cis-1,3-Dichloropropene	ND		ug/l	10	20
Bromoform	ND		ug/l	40	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	20
Chloromethane	ND		ug/l	50	20
Vinyl chloride	ND		ug/l	20	20
Chloroethane	ND		ug/l	20	20
1,1-Dichloroethene	ND		ug/l	10	20
trans-1,2-Dichloroethene	ND		ug/l	15	20
Trichloroethene	780		ug/l	10	20
1,2-Dichlorobenzene	ND		ug/l	50	20
1,3-Dichlorobenzene	ND		ug/l	50	20
1,4-Dichlorobenzene	ND		ug/l	50	20
cis-1,2-Dichloroethene	380		ug/l	10	20
Dichlorodifluoromethane	ND		ug/l	100	20
1,2-Dibromoethane	ND		ug/l	40	20
1,3-Dichloropropane	ND		ug/l	50	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10	20

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-06
 Client ID: MW-267M-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 11:50
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	50	20
p-Chlorotoluene	ND		ug/l	50	20
Hexachlorobutadiene	ND		ug/l	12	20
1,2,4-Trichlorobenzene	ND		ug/l	50	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-07

Date Collected: 09/26/06 11:00

Client ID: MW-266MA-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/03/06 18:43

Analyst: PD

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	16		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	3.8		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-07

Date Collected: 09/26/06 11:00

Client ID: MW-266MA-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-08

Date Collected: 09/26/06 10:15

Client ID: MW-266MB-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/03/06 19:21

Analyst: PD

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	43		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	13		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	250		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	240		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-08

Date Collected: 09/26/06 10:15

Client ID: MW-266MB-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	25	10
p-Chlorotoluene	ND		ug/l	25	10
Hexachlorobutadiene	ND		ug/l	6.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-09
 Client ID: DUP-001-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:20
 Analyst: MM

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	25	5
1,1-Dichloroethane	ND		ug/l	3.8	5
Chloroform	ND		ug/l	3.8	5
Carbon tetrachloride	ND		ug/l	2.5	5
1,2-Dichloropropane	ND		ug/l	8.8	5
Dibromochloromethane	ND		ug/l	2.5	5
1,1,2-Trichloroethane	ND		ug/l	3.8	5
Tetrachloroethene	40		ug/l	2.5	5
Chlorobenzene	ND		ug/l	2.5	5
1,2-Dichloroethane	ND		ug/l	2.5	5
1,1,1-Trichloroethane	ND		ug/l	2.5	5
Bromodichloromethane	ND		ug/l	2.5	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	5
Bromoform	ND		ug/l	10	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	5
Chloromethane	ND		ug/l	12	5
Vinyl chloride	12		ug/l	5.0	5
Chloroethane	ND		ug/l	5.0	5
1,1-Dichloroethene	ND		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	240		ug/l	2.5	5
1,2-Dichlorobenzene	ND		ug/l	12	5
1,3-Dichlorobenzene	ND		ug/l	12	5
1,4-Dichlorobenzene	ND		ug/l	12	5
cis-1,2-Dichloroethene	250		ug/l	2.5	5
Dichlorodifluoromethane	ND		ug/l	25	5
1,2-Dibromoethane	ND		ug/l	10	5
1,3-Dichloropropane	ND		ug/l	12	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	5

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-09
 Client ID: DUP-001-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	12	5
p-Chlorotoluene	ND		ug/l	12	5
Hexachlorobutadiene	ND		ug/l	3.0	5
1,2,4-Trichlorobenzene	ND		ug/l	12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-10
 Client ID: MW-265M-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:54
 Analyst: MM

Date Collected: 09/26/06 12:50
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	120	25
1,1-Dichloroethane	ND		ug/l	19	25
Chloroform	ND		ug/l	19	25
Carbon tetrachloride	ND		ug/l	12	25
1,2-Dichloropropane	ND		ug/l	44	25
Dibromochloromethane	ND		ug/l	12	25
1,1,2-Trichloroethane	ND		ug/l	19	25
Tetrachloroethene	33		ug/l	12	25
Chlorobenzene	ND		ug/l	12	25
1,2-Dichloroethane	ND		ug/l	12	25
1,1,1-Trichloroethane	ND		ug/l	12	25
Bromodichloromethane	ND		ug/l	12	25
trans-1,3-Dichloropropene	ND		ug/l	12	25
cis-1,3-Dichloropropene	ND		ug/l	12	25
Bromoform	ND		ug/l	50	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	25
Chloromethane	ND		ug/l	62	25
Vinyl chloride	230		ug/l	25	25
Chloroethane	ND		ug/l	25	25
1,1-Dichloroethene	ND		ug/l	12	25
trans-1,2-Dichloroethene	ND		ug/l	19	25
Trichloroethene	210		ug/l	12	25
1,2-Dichlorobenzene	ND		ug/l	62	25
1,3-Dichlorobenzene	ND		ug/l	62	25
1,4-Dichlorobenzene	ND		ug/l	62	25
cis-1,2-Dichloroethene	1000		ug/l	12	25
Dichlorodifluoromethane	ND		ug/l	120	25
1,2-Dibromoethane	ND		ug/l	50	25
1,3-Dichloropropane	ND		ug/l	62	25
1,1,1,2-Tetrachloroethane	ND		ug/l	12	25

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-10
 Client ID: MW-265M-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 12:50
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	62	25
p-Chlorotoluene	ND		ug/l	62	25
Hexachlorobutadiene	ND		ug/l	15	25
1,2,4-Trichlorobenzene	ND		ug/l	62	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-11
Client ID: MW-268M-20060926-01
Sample Location: WAYLAND
Matrix: Water
Anaytical Method: 60,8260B
Analytical Date: 10/03/06 17:28
Analyst: MM

Date Collected: 09/26/06 12:45
Date Received: 09/27/06
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	500	100
1,1-Dichloroethane	ND		ug/l	75	100
Chloroform	ND		ug/l	75	100
Carbon tetrachloride	ND		ug/l	50	100
1,2-Dichloropropane	ND		ug/l	180	100
Dibromochloromethane	ND		ug/l	50	100
1,1,2-Trichloroethane	ND		ug/l	75	100
Tetrachloroethene	61		ug/l	50	100
Chlorobenzene	ND		ug/l	50	100
1,2-Dichloroethane	ND		ug/l	50	100
1,1,1-Trichloroethane	ND		ug/l	50	100
Bromodichloromethane	ND		ug/l	50	100
trans-1,3-Dichloropropene	ND		ug/l	50	100
cis-1,3-Dichloropropene	ND		ug/l	50	100
Bromoform	ND		ug/l	200	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	100
Chloromethane	ND		ug/l	250	100
Vinyl chloride	140		ug/l	100	100
Chloroethane	ND		ug/l	100	100
1,1-Dichloroethene	ND		ug/l	50	100
trans-1,2-Dichloroethene	ND		ug/l	75	100
Trichloroethene	2100		ug/l	50	100
1,2-Dichlorobenzene	ND		ug/l	250	100
1,3-Dichlorobenzene	ND		ug/l	250	100
1,4-Dichlorobenzene	ND		ug/l	250	100
cis-1,2-Dichloroethene	4600		ug/l	50	100
Dichlorodifluoromethane	ND		ug/l	500	100
1,2-Dibromoethane	ND		ug/l	200	100
1,3-Dichloropropane	ND		ug/l	250	100
1,1,1,2-Tetrachloroethane	ND		ug/l	50	100

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-11
 Client ID: MW-268M-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 12:45
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	250	100
p-Chlorotoluene	ND		ug/l	250	100
Hexachlorobutadiene	ND		ug/l	60	100
1,2,4-Trichlorobenzene	ND		ug/l	250	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-12
Client ID: MW-264M-20060926-01
Sample Location: WAYLAND
Matrix: Water
Anaytical Method: 60,8260B
Analytical Date: 10/03/06 18:02
Analyst: MM

Date Collected: 09/26/06 15:25
Date Received: 09/27/06
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	25	5
1,1-Dichloroethane	ND		ug/l	3.8	5
Chloroform	ND		ug/l	3.8	5
Carbon tetrachloride	ND		ug/l	2.5	5
1,2-Dichloropropane	ND		ug/l	8.8	5
Dibromochloromethane	ND		ug/l	2.5	5
1,1,2-Trichloroethane	ND		ug/l	3.8	5
Tetrachloroethene	13		ug/l	2.5	5
Chlorobenzene	ND		ug/l	2.5	5
1,2-Dichloroethane	ND		ug/l	2.5	5
1,1,1-Trichloroethane	ND		ug/l	2.5	5
Bromodichloromethane	ND		ug/l	2.5	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	5
Bromoform	ND		ug/l	10	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	5
Chloromethane	ND		ug/l	12	5
Vinyl chloride	20		ug/l	5.0	5
Chloroethane	ND		ug/l	5.0	5
1,1-Dichloroethene	ND		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	68		ug/l	2.5	5
1,2-Dichlorobenzene	ND		ug/l	12	5
1,3-Dichlorobenzene	ND		ug/l	12	5
1,4-Dichlorobenzene	ND		ug/l	12	5
cis-1,2-Dichloroethene	210		ug/l	2.5	5
Dichlorodifluoromethane	ND		ug/l	25	5
1,2-Dibromoethane	ND		ug/l	10	5
1,3-Dichloropropane	ND		ug/l	12	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	5

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-12
 Client ID: MW-264M-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 15:25
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	12	5
p-Chlorotoluene	ND		ug/l	12	5
Hexachlorobutadiene	ND		ug/l	3.0	5
1,2,4-Trichlorobenzene	ND		ug/l	12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-13
 Client ID: MW-551-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 18:36
 Analyst: MM

Date Collected: 09/26/06 15:20
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	40		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.60		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-13
 Client ID: MW-551-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 15:20
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-14
 Client ID: DUP-003-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:59
 Analyst: MM

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	8.4		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	9.2		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-14
 Client ID: DUP-003-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-15
 Client ID: MW-268D-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 11:32
 Analyst: MM

Date Collected: 09/26/06 11:30
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	8.7		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	9.3		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-15
 Client ID: MW-268D-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 11:30
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-16

Date Collected: 09/26/06 12:00

Client ID: MW-555MB-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/03/06 12:06

Analyst: MM

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-16

Date Collected: 09/26/06 12:00

Client ID: MW-555MB-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-17
 Client ID: MW-555D-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 12:39
 Analyst: MM

Date Collected: 09/26/06 11:10
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	0.94		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	3.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-17

Date Collected: 09/26/06 11:10

Client ID: MW-555D-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

SAMPLE RESULTS

Lab ID: L0613818-18
 Client ID: MW-555S-20060926-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 13:12
 Analyst: MM

Date Collected: 09/26/06 11:55
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-18
 Client ID: MW-555S-20060926-01
 Sample Location: WAYLAND

Date Collected: 09/26/06 11:55
 Date Received: 09/27/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-19

Date Collected: 09/26/06 11:03

Client ID: MW-555MA-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/03/06 13:46

Analyst: MM

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613818**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613818-19

Date Collected: 09/26/06 11:03

Client ID: MW-555MA-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B

Analytical Date: 10/03/06 11:21

Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255589-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B

Analytical Date: 10/03/06 11:21

Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255589-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-08 Batch: WG255661-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-08 Batch: WG255661-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:24
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 14-19 Batch: WG255675-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:24
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 14-19 Batch: WG255675-3				

Parameter	Result	Qualifier	Units	RDL
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:24
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 14-19 Batch: WG255675-3				

1,4-Dioxane	ND		ug/l	250
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-13 Batch: WG255675-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-13 Batch: WG255675-6				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-13 Batch: WG255675-6				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255589-1 WG255589-2					
Methylene chloride	103	103	70-130	0	25
1,1-Dichloroethane	108	107	70-130	1	25
Chloroform	104	106	70-130	2	25
Carbon tetrachloride	101	101	70-130	0	25
1,2-Dichloropropane	99	104	70-130	5	25
Dibromochloromethane	94	94	70-130	0	25
1,1,2-Trichloroethane	104	101	70-130	3	25
Tetrachloroethene	104	104	70-130	0	25
Chlorobenzene	105	105	70-130	0	25
1,2-Dichloroethane	102	102	70-130	0	25
1,1,1-Trichloroethane	101	102	70-130	1	25
Bromodichloromethane	94	96	70-130	2	25
trans-1,3-Dichloropropene	104	102	70-130	2	25
cis-1,3-Dichloropropene	92	95	70-130	3	25
Bromoform	104	106	70-130	2	50
1,1,2,2-Tetrachloroethane	103	101	70-130	2	25
Chloromethane	105	112	70-130	6	50
Vinyl chloride	109	110	70-130	1	25
Chloroethane	112	114	70-130	2	25
1,1-Dichloroethene	101	104	70-130	3	25
trans-1,2-Dichloroethene	98	102	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255589-1 WG255589-2					
Trichloroethene	94	101	70-130	7	25
1,2-Dichlorobenzene	98	97	70-130	1	25
1,3-Dichlorobenzene	100	99	70-130	1	25
1,4-Dichlorobenzene	101	102	70-130	1	25
cis-1,2-Dichloroethene	101	103	70-130	2	25
Dichlorodifluoromethane	119	115	70-130	3	50
1,2-Dibromoethane	100	100	70-130	0	25
1,3-Dichloropropane	104	104	70-130	0	25
1,1,1,2-Tetrachloroethane	105	104	70-130	1	25
o-Chlorotoluene	101	101	70-130	0	25
p-Chlorotoluene	101	100	70-130	1	25
Hexachlorobutadiene	101	91	70-130	10	25
1,2,4-Trichlorobenzene	84	86	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		108		70-130
Toluene-d8	106		104		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	107		108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-08 Batch: WG255661-1 WG255661-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,1,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-08 Batch: WG255661-1 WG255661-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	66	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14-19 Batch: WG255675-1 WG255675-2					
Methylene chloride	99	90	70-130	10	25
1,1-Dichloroethane	100	87	70-130	14	25
Chloroform	98	89	70-130	10	25
Carbon tetrachloride	87	81	70-130	7	25
1,2-Dichloropropane	96	91	70-130	5	25
Dibromochloromethane	81	76	70-130	6	25
1,1,2-Trichloroethane	98	90	70-130	9	25
Tetrachloroethene	101	90	70-130	12	25
Chlorobenzene	98	90	70-130	9	25
Trichlorofluoromethane	108	95	70-130	13	25
1,2-Dichloroethane	101	94	70-130	7	25
1,1,1-Trichloroethane	93	84	70-130	10	25
Bromodichloromethane	87	80	70-130	8	25
trans-1,3-Dichloropropene	83	80	70-130	4	25
cis-1,3-Dichloropropene	90	82	70-130	9	25
1,1-Dichloropropene	100	91	70-130	9	25
Bromoform	79	76	70-130	4	50
1,1,2,2-Tetrachloroethane	94	91	70-130	3	25
Benzene	99	91	70-130	8	25
Toluene	101	90	70-130	12	25
Ethylbenzene	104	91	70-130	13	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14-19 Batch: WG255675-1 WG255675-2					
Chloromethane	74	70	70-130	6	50
Bromomethane	76	78	70-130	3	50
Vinyl chloride	83	74	70-130	11	25
Chloroethane	90	84	70-130	7	25
1,1-Dichloroethene	90	81	70-130	11	25
trans-1,2-Dichloroethene	95	86	70-130	10	25
Trichloroethene	94	84	70-130	11	25
1,2-Dichlorobenzene	92	87	70-130	6	25
1,3-Dichlorobenzene	95	89	70-130	7	25
1,4-Dichlorobenzene	94	89	70-130	5	25
Methyl tert butyl ether	94	89	70-130	5	25
p/m-Xylene	110	94	70-130	16	25
o-Xylene	106	93	70-130	13	25
cis-1,2-Dichloroethene	101	92	70-130	9	25
Dibromomethane	99	92	70-130	7	25
1,2,3-Trichloropropane	100	96	70-130	4	25
Styrene	98	87	70-130	12	25
Dichlorodifluoromethane	59	51	70-130	15	50
Acetone	110	96	70-130	14	50
Carbon disulfide	77	71	70-130	8	25
2-Butanone	107	104	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14-19 Batch: WG255675-1 WG255675-2					
4-Methyl-2-pentanone	108	103	70-130	5	50
2-Hexanone	101	100	70-130	1	50
Bromochloromethane	99	92	70-130	7	25
Tetrahydrofuran	88	90	70-130	2	25
2,2-Dichloropropane	91	87	70-130	4	50
1,2-Dibromoethane	93	89	70-130	4	25
1,3-Dichloropropane	99	92	70-130	7	25
1,1,1,2-Tetrachloroethane	89	82	70-130	8	25
Bromobenzene	93	89	70-130	4	25
n-Butylbenzene	99	89	70-130	11	25
sec-Butylbenzene	100	92	70-130	8	25
tert-Butylbenzene	99	90	70-130	10	25
o-Chlorotoluene	101	94	70-130	7	25
p-Chlorotoluene	100	93	70-130	7	25
1,2-Dibromo-3-chloropropane	68	74	70-130	8	50
Hexachlorobutadiene	92	82	70-130	11	25
Isopropylbenzene	112	100	70-130	11	25
p-Isopropyltoluene	97	88	70-130	10	25
Naphthalene	91	91	70-130	0	25
n-Propylbenzene	101	92	70-130	9	25
1,2,3-Trichlorobenzene	92	88	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14-19 Batch: WG255675-1 WG255675-2					
1,2,4-Trichlorobenzene	83	81	70-130	2	25
1,3,5-Trimethylbenzene	101	90	70-130	12	25
1,2,4-Trimethylbenzene	102	93	70-130	9	25
Ethyl ether	103	98	70-130	5	25
Isopropyl Ether	104	95	70-130	9	25
Ethyl-Tert-Butyl-Ether	98	92	70-130	6	25
Tertiary-Amyl Methyl Ether	95	86	70-130	10	25
1,4-Dioxane	85	77	70-130	10	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103	103	70-130
Toluene-d8	101	100	70-130
4-Bromofluorobenzene	98	102	70-130
Dibromofluoromethane	101	98	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-13 Batch: WG255675-4 WG255675-5					
Methylene chloride	101	98	70-130	3	25
1,1-Dichloroethane	93	92	70-130	1	25
Chloroform	93	92	70-130	1	25
Carbon tetrachloride	78	79	70-130	1	25
1,2-Dichloropropane	94	95	70-130	1	25
Dibromochloromethane	71	71	70-130	0	25
1,1,2-Trichloroethane	94	93	70-130	1	25
Tetrachloroethene	100	95	70-130	5	25
Chlorobenzene	96	93	70-130	3	25
Trichlorofluoromethane	115	112	70-130	3	25
1,2-Dichloroethane	97	97	70-130	0	25
1,1,1-Trichloroethane	82	82	70-130	0	25
Bromodichloromethane	76	81	70-130	6	25
trans-1,3-Dichloropropene	77	76	70-130	1	25
cis-1,3-Dichloropropene	81	84	70-130	4	25
1,1-Dichloropropene	97	95	70-130	2	25
Bromoform	71	72	70-130	1	50
1,1,2,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	98	96	70-130	2	25
Toluene	100	93	70-130	7	25
Ethylbenzene	102	96	70-130	6	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-13 Batch: WG255675-4 WG255675-5					
Chloromethane	97	96	70-130	1	50
Bromomethane	80	86	70-130	7	50
Vinyl chloride	100	99	70-130	1	25
Chloroethane	102	99	70-130	3	25
1,1-Dichloroethene	93	90	70-130	3	25
trans-1,2-Dichloroethene	96	92	70-130	4	25
Trichloroethene	88	88	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	93	70-130	1	25
1,4-Dichlorobenzene	94	94	70-130	0	25
Methyl tert butyl ether	85	88	70-130	3	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	102	97	70-130	5	25
cis-1,2-Dichloroethene	97	99	70-130	2	25
Dibromomethane	95	98	70-130	3	25
1,2,3-Trichloropropane	98	100	70-130	2	25
Styrene	93	89	70-130	4	25
Dichlorodifluoromethane	121	118	70-130	3	50
Acetone	98	110	70-130	12	50
Carbon disulfide	72	70	70-130	3	25
2-Butanone	97	100	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613818

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-13 Batch: WG255675-4 WG255675-5					
4-Methyl-2-pentanone	102	98	70-130	4	50
2-Hexanone	100	94	70-130	6	50
Bromochloromethane	98	95	70-130	3	25
Tetrahydrofuran	78	79	70-130	1	25
2,2-Dichloropropane	87	86	70-130	1	50
1,2-Dibromoethane	92	88	70-130	4	25
1,3-Dichloropropane	98	96	70-130	2	25
1,1,1,2-Tetrachloroethane	77	78	70-130	1	25
Bromobenzene	92	92	70-130	0	25
n-Butylbenzene	98	94	70-130	4	25
sec-Butylbenzene	101	97	70-130	4	25
tert-Butylbenzene	97	94	70-130	3	25
o-Chlorotoluene	102	99	70-130	3	25
p-Chlorotoluene	99	97	70-130	2	25
1,2-Dibromo-3-chloropropane	62	64	70-130	3	50
Hexachlorobutadiene	90	87	70-130	3	25
Isopropylbenzene	108	103	70-130	5	25
p-Isopropyltoluene	96	92	70-130	4	25
Naphthalene	88	91	70-130	3	25
n-Propylbenzene	98	97	70-130	1	25
1,2,3-Trichlorobenzene	89	92	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-13 Batch: WG255675-4 WG255675-5					
1,2,4-Trichlorobenzene	83	82	70-130	1	25
1,3,5-Trimethylbenzene	98	95	70-130	3	25
1,2,4-Trimethylbenzene	101	100	70-130	1	25
Ethyl ether	97	97	70-130	0	25
Isopropyl Ether	93	95	70-130	2	25
Ethyl-Tert-Butyl-Ether	90	92	70-130	2	25
Tertiary-Amyl Methyl Ether	87	88	70-130	1	25
1,4-Dioxane	69	73	70-130	6	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101	105	70-130
Toluene-d8	102	98	70-130
4-Bromofluorobenzene	101	102	70-130
Dibromofluoromethane	95	97	70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 01-04 QC Batch ID: WG255589-4 WG255589-5 QC Sample: L0613818-03 Client ID: MW-552-20060926-01										
Methylene chloride	ND	2000	2200	108	2100	105	70-130	3	30	
1,1-Dichloroethane	ND	2000	2200	113	2100	106	70-130	6	30	
Chloroform	ND	2000	2100	106	2000	101	70-130	5	30	
Carbon tetrachloride	ND	2000	2100	105	2000	98	70-130	7	30	
1,2-Dichloropropane	ND	2000	2000	102	2000	99	70-130	3	30	
Dibromochloromethane	ND	2000	2000	98	1800	91	70-130	7	30	
1,1,2-Trichloroethane	ND	2000	2100	107	2000	101	70-130	6	30	
Tetrachloroethene	190	2000	2400	111	2200	103	70-130	7	30	
Chlorobenzene	ND	2000	2100	107	2000	102	70-130	5	30	
1,2-Dichloroethane	ND	2000	2100	107	2100	104	70-130	3	30	
1,1,1-Trichloroethane	ND	2000	2100	104	2000	98	70-130	6	30	
Bromodichloromethane	ND	2000	1900	95	1900	95	70-130	0	30	
trans-1,3-Dichloropropene	ND	2000	2100	103	2000	99	70-130	4	30	
cis-1,3-Dichloropropene	ND	2000	1900	96	1800	92	70-130	4	30	
Bromoform	ND	2000	2100	104	2000	98	70-130	6	30	
1,1,2,2-Tetrachloroethane	ND	2000	2000	100	2000	100	70-130	0	30	
Chloromethane	ND	2000	2300	113	2100	107	70-130	5	30	
Vinyl chloride	ND	2000	2300	115	2200	108	70-130	6	30	
Chloroethane	ND	2000	2400	120	2200	111	70-130	8	30	
1,1-Dichloroethene	ND	2000	2000	103	2000	99	70-130	4	30	
trans-1,2-Dichloroethene	ND	2000	2100	104	2000	100	70-130	4	30	

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

Parameter	Native Sample	MS Added	MS		MSD		Recovery Limits	RPD	RPD Limits
			MS Found	%Recovery	MSD Found	%Recovery			
Volatile Organics by MCP 8260B Associated sample(s): 01-04 QC Batch ID: WG255589-4 WG255589-5 QC Sample: L0613818-03 Client ID: MW-552-20060926-01									
Trichloroethene	4400	2000	5900	76	5600	61	70-130	22	30
1,2-Dichlorobenzene	ND	2000	2000	100	2000	100	70-130	0	30
1,3-Dichlorobenzene	ND	2000	2000	102	2000	100	70-130	2	30
1,4-Dichlorobenzene	ND	2000	2100	104	2000	100	70-130	4	30
cis-1,2-Dichloroethene	280	2000	2500	110	2400	106	70-130	4	30
Dichlorodifluoromethane	ND	2000	2400	121	2100	107	70-130	12	30
1,2-Dibromoethane	ND	2000	2000	102	2000	99	70-130	3	30
1,3-Dichloropropane	ND	2000	2100	105	2000	98	70-130	7	30
1,1,1,2-Tetrachloroethane	ND	2000	2200	108	2000	100	70-130	8	30
o-Chlorotoluene	ND	2000	2100	105	2000	102	70-130	3	30
p-Chlorotoluene	ND	2000	2100	104	2000	103	70-130	1	30
Hexachlorobutadiene	ND	2000	2000	98	1900	95	70-130	3	30
1,2,4-Trichlorobenzene	ND	2000	1600	81	1700	85	70-130	5	30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	109		105		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	110		108		70-130
Toluene-d8	105		101		70-130

Project Name: RAYTHEON

Lab Number: L0613818

Project Number: 42925

Report Date: 10/04/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613818-01A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-02A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-02B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03C	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03D	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03E	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-03F	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-04A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-04B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-05A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-05B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-06A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-06B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-07A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-07B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-08A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-08B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-09A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-09B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-10A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-10B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-11A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-11B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-12A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-12B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-13A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-13B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-14A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON**Project Number:** 42925**Lab Number:** L0613818**Report Date:** 10/04/06**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613818-14B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-15A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-15B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-16A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-16B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-17A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-17B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-18A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-18B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-19A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613818-19B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

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.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613818
Report Date: 10/04/06

REFERENCES

- 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.



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CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 9/27/06

ALPHA Job #: 0613818



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

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

Project Information

Project Name: RAYTHEON

Project Location: WAYLAND

Project #: 42925

Project Manager: JEREMY PICARD

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/4/06 Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM-BOSTON

Address: 399 BOSTON ST 6TH FLOOR

BOSTON, MA 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: jeremy.picard@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Regulatory Requirements/Report Limits

State / Fed Program: MCP/GW-1 Criteria: METHOD 1 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?

ANALYSIS 8021c by 8260

SAMPLE HANDLING

Filtration

Done

Not needed

Lab to do

Lab to do

(Please specify below)

TOTAL # BOTTLES

302

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	TOTAL # BOTTLES
3818, 1	TB-002-20060926-01	9/25/06	11:15	GW	ZP		1
2	MW-553-20060926-01	9/26/06	16:15	GW	JDF		2
3	MW-552-20060926-01	9/26/06	13:28	GW	JDF		2
3	MW-552-20060926-01-MS	9/26/06	13:28	GW	JDF		2
3	MW-552-20060926-01-MD	9/26/06	13:28	GW	JDF		2
4	DUP-004-20060926-01	9/26/06	24:00	GW	JDF		2
5	MW-2675-20060926-01	9/26/06	10:34	GW	JDF		2
6	MW-267M-20060926-01	9/26/06	11:50	GW	JDF		2
7	MW-266Ma-20060926-01	9/26/06	11:00	GW	JDF		2
8	MW-266Mb-20060926-01	9/26/06	10:15	GW	JDF		2

PLEASE ANSWER QUESTIONS ABOVE!

Container Type
Preservative B

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By: [Signature] Date/Time: 9/27/06 11:52

Received By: [Signature] Date/Time: 9/27/06 11:55

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.

10040612:44



CHAIN OF CUSTODY

PAGE 2 OF 3

Date Rec'd in Lab: 9/27

ALPHA Job #: 102613818

WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: RAYTHEON
Project Location: WAYLAUD
Project #: 42925
Project Manager: JEREMY PICARD
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM-BOSTON
Address: 399 BOYLSTON ST 6TH FLOOR
BOSTON, MA 02116
Phone: (617) 646-7800
Fax: (617) 267-6447

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 10/1/06 Time:

Email: jeremy.picard@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Regulatory Requirements/Report Limits

State / Fed Program: MCP Criteria: METHOD 1 GNI

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS by 8260

8021c by 8260

305

305

SAMPLE HANDLING

Filtration

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials					TOTAL # BOTTLES
3818. 9	DUP-001-20060926-01	9/26/06	24:00	GW	BJM	2				2
10	MW-265M-20060926-01	9/26/06	12:50	GW	BJM	2				2
11	MW-263M-20060926-01	9/26/06	12:45	GN	HEA	2				2
12	MW-264M-20060926-01	9/26/06	15:25	GW	HEA	2				2
13	MW-551-20060926-01	9/26/06	15:20	GW	BM	2				2
14	DUP-003-20060926-01	9/26/06	24:00	GN	HEA	2				2
15	MW-268D-20060926-01	9/26/06	11:30	GW	HEA	2				2
16	MW-555M-20060926-01	9/26/06	12:00	GW	TD	2				2
17	MW-555D-20060926-01	9/26/06	11:10	GW	TD	2				2
18	MW-555S-20060926-01	9/26/06	11:55	GW	EJM	2				2

PLEASE ANSWER QUESTIONS ABOVE!

Container Type V
Preservative B

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.

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By: [Signature] Date/Time: 9/27 11:15

Received By: [Signature] Date/Time: 9/27/06 11:15

10040612:44



CHAIN OF CUSTODY

PAGE 3 OF 3

WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: ERM-BOSTON
Address: 399 BOSTON ST, 6TH FLOOR
BOSTON, MA 02116
Phone: (617) 646-7800
Fax: (617) 267-6447
Email: jeremy.picard@erm.com
 These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: RAYTHEON
Project Location: WAYLAW
Project #: 42925
Project Manager: JEREMY PICARD
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 10/4/06 Time:

Date Rec'd in Lab: 9/27/06

ALPHA Job #: 02013818

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria
MCP METHOD 1/GW1

MA MCPPRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS by 8260

SAMPLE HANDLING

Filtration
 Done
 Not needed

Preservation
 Lab to do
 Lab to do
(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES: 2

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	TOTAL # BOTTLES
		Date	Time				
<u>3818, 19</u>	<u>MW-555Ma-20060926-01</u>	<u>9/26/06</u>	<u>11:03</u>	<u>GW</u>	<u>ESM 2</u>		<u>2</u>

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Container Type V
Preservative B

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.

Relinquished By: [Signature] Date/Time: 9/27/06 10:23
 Received By: [Signature] Date/Time: 9/27/06 11:15



ANALYTICAL REPORT

Lab Number: L0613815

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

ATTN: Jeremy Picard

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Report Date: 10/04/06

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

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



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

Alpha Sample ID	Client ID	Sample Location
L0613815-01	MW-47S-20060926-01	WAYLAND, MA
L0613815-02	MW-40S-20060926-01	WAYLAND, MA
L0613815-03	MW-203S-20060926-01	WAYLAND, MA
L0613815-04	MW-40-20060926-01	WAYLAND, MA
L0613815-05	DUP-005-20060926-01	WAYLAND, MA
L0613815-06	DUP-006-20060926-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

MADEP MCP Response Action Analytical Report Certification**The following questions pertain only to MCP Analytical Methods**

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

Case Narrative

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

MCP Related Narratives:

Volatile Organics

In reference to question E:

The WG255394-4/5 LCS/LCSD has low recoveries for 1,4 Dioxane, a difficult analyte.

The WG255499-1/2 LCS/LCSD have several RPD's above method acceptance criteria. The % recoveries for the LCS/LCSD met criteria no further action taken.

The WG255525-1/2 LCS/LCSD has low recoveries for 1,4 Dioxane, a difficult analyte.

Metals

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/04/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-01
 Client ID: MW-47S-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 01:23
 Analyst: RY

Date Collected: 09/26/06 16:50
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	0.87		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-01

Date Collected: 09/26/06 16:50

Client ID: MW-47S-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-02
 Client ID: MW-40S-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 01:59
 Analyst: RY

Date Collected: 09/26/06 16:50
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	1.0		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	0.80		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.4		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-02
 Client ID: MW-40S-20060926-01
 Sample Location: WAYLAND, MA

Date Collected: 09/26/06 16:50
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

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

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-03
 Client ID: MW-203S-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 03:58
 Analyst: PD

Date Collected: 09/26/06 17:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	8.2		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.9		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-03
 Client ID: MW-203S-20060926-01
 Sample Location: WAYLAND, MA

Date Collected: 09/26/06 17:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-04
 Client ID: MW-40-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 02:35
 Analyst: RY

Date Collected: 09/26/06 15:55
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	8.2		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	3.2		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.52		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	4.2		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	2.9		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-04
 Client ID: MW-40-20060926-01
 Sample Location: WAYLAND, MA

Date Collected: 09/26/06 15:55
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	115		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-05
 Client ID: DUP-005-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:03
 Analyst: PD

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	9.1		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	3.5		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.59		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	5.0		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	3.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-05
 Client ID: DUP-005-20060926-01
 Sample Location: WAYLAND, MA

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-06
 Client ID: DUP-006-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 03:11
 Analyst: RY

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	1.4		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-06
 Client ID: DUP-006-20060926-01
 Sample Location: WAYLAND, MA

Date Collected: 09/26/06 00:00
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:27
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-02,04 Batch: WG255394-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 17:27
 Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-02,04 Batch: WG255394-6				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:27
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-02,04 Batch: WG255394-6				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:47
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 03 Batch: WG255499-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/02/06 17:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 03 Batch: WG255499-3				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/03/06 07:20
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05 Batch: WG255499-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 07:20
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05 Batch: WG255499-6				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:27
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06 Batch: WG255525-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:27
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06 Batch: WG255525-3				
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/02/06 17:27
Analyst: RY

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06 Batch: WG255525-3				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-02,04 Batch: WG255394-4 WG255394-5					
Methylene chloride	106	107	70-130	1	25
1,1-Dichloroethane	110	107	70-130	3	25
Chloroform	101	101	70-130	0	25
Carbon tetrachloride	104	99	70-130	5	25
1,2-Dichloropropane	101	102	70-130	1	25
Dibromochloromethane	97	95	70-130	2	25
1,1,2-Trichloroethane	110	110	70-130	0	25
Tetrachloroethene	111	111	70-130	0	25
Chlorobenzene	106	107	70-130	1	25
Trichlorofluoromethane	120	114	70-130	5	25
1,2-Dichloroethane	104	105	70-130	1	25
1,1,1-Trichloroethane	105	104	70-130	1	25
Bromodichloromethane	96	98	70-130	2	25
trans-1,3-Dichloropropene	107	106	70-130	1	25
cis-1,3-Dichloropropene	95	100	70-130	5	25
1,1-Dichloropropene	105	104	70-130	1	25
Bromoform	103	104	70-130	1	50
1,1,2,2-Tetrachloroethane	104	107	70-130	3	25
Benzene	107	107	70-130	0	25
Toluene	110	110	70-130	0	25
Ethylbenzene	111	110	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-02,04 Batch: WG255394-4 WG255394-5					
Chloromethane	120	116	70-130	3	50
Bromomethane	106	108	70-130	2	50
Vinyl chloride	119	120	70-130	1	25
Chloroethane	113	118	70-130	4	25
1,1-Dichloroethene	107	105	70-130	2	25
trans-1,2-Dichloroethene	104	104	70-130	0	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	99	102	70-130	3	25
1,3-Dichlorobenzene	103	103	70-130	0	25
1,4-Dichlorobenzene	103	104	70-130	1	25
Methyl tert butyl ether	94	97	70-130	3	25
p/m-Xylene	114	114	70-130	0	25
o-Xylene	112	111	70-130	1	25
cis-1,2-Dichloroethene	106	104	70-130	2	25
Dibromomethane	110	108	70-130	2	25
1,2,3-Trichloropropane	113	113	70-130	0	25
Styrene	113	112	70-130	1	25
Dichlorodifluoromethane	128	124	70-130	3	50
Acetone	86	92	70-130	7	50
Carbon disulfide	86	82	70-130	5	25
2-Butanone	90	102	70-130	13	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-02,04 Batch: WG255394-4 WG255394-5					
4-Methyl-2-pentanone	90	97	70-130	7	50
2-Hexanone	87	95	70-130	9	50
Bromochloromethane	102	103	70-130	1	25
Tetrahydrofuran	82	81	70-130	1	25
2,2-Dichloropropane	102	100	70-130	2	50
1,2-Dibromoethane	106	103	70-130	3	25
1,3-Dichloropropane	105	110	70-130	5	25
1,1,1,2-Tetrachloroethane	110	108	70-130	2	25
Bromobenzene	101	105	70-130	4	25
n-Butylbenzene	88	87	70-130	1	25
sec-Butylbenzene	92	92	70-130	0	25
tert-Butylbenzene	102	102	70-130	0	25
o-Chlorotoluene	104	105	70-130	1	25
p-Chlorotoluene	104	106	70-130	2	25
1,2-Dibromo-3-chloropropane	83	95	70-130	13	50
Hexachlorobutadiene	105	103	70-130	2	25
Isopropylbenzene	105	102	70-130	3	25
p-Isopropyltoluene	94	96	70-130	2	25
Naphthalene	78	82	70-130	5	25
n-Propylbenzene	105	106	70-130	1	25
1,2,3-Trichlorobenzene	93	100	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-02,04 Batch: WG255394-4 WG255394-5					
1,2,4-Trichlorobenzene	89	92	70-130	3	25
1,3,5-Trimethylbenzene	102	102	70-130	0	25
1,2,4-Trimethylbenzene	99	98	70-130	1	25
Ethyl ether	100	100	70-130	0	25
Isopropyl Ether	100	102	70-130	2	25
Ethyl-Tert-Butyl-Ether	99	103	70-130	4	25
Tertiary-Amyl Methyl Ether	96	103	70-130	7	25
1,4-Dioxane	21	23	70-130	9	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108	105	70-130
Toluene-d8	105	103	70-130
4-Bromofluorobenzene	96	102	70-130
Dibromofluoromethane	109	109	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 03 Batch: WG255499-1 WG255499-2					
Methylene chloride	89	123	70-130	32	25
1,1-Dichloroethane	93	125	70-130	29	25
Chloroform	96	127	70-130	28	25
Carbon tetrachloride	102	130	70-130	24	25
1,2-Dichloropropane	94	123	70-130	27	25
Dibromochloromethane	92	120	70-130	26	25
1,1,2-Trichloroethane	89	120	70-130	30	25
Tetrachloroethene	95	129	70-130	30	25
Chlorobenzene	94	125	70-130	28	25
1,2-Dichloroethane	98	128	70-130	27	25
1,1,1-Trichloroethane	99	130	70-130	27	25
Bromodichloromethane	96	124	70-130	25	25
trans-1,3-Dichloropropene	83	112	70-130	30	25
cis-1,3-Dichloropropene	89	117	70-130	27	25
Bromoform	94	123	70-130	27	50
1,1,2,2-Tetrachloroethane	85	112	70-130	27	25
Chloromethane	92	126	70-130	31	50
Vinyl chloride	97	125	70-130	25	25
Chloroethane	103	130	70-130	23	25
1,1-Dichloroethene	90	126	70-130	33	25
trans-1,2-Dichloroethene	93	124	70-130	29	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 03 Batch: WG255499-1 WG255499-2					
Trichloroethene	97	129	70-130	28	25
1,2-Dichlorobenzene	94	126	70-130	29	25
1,3-Dichlorobenzene	94	126	70-130	29	25
1,4-Dichlorobenzene	94	125	70-130	28	25
cis-1,2-Dichloroethene	98	128	70-130	27	25
Dichlorodifluoromethane	82	111	70-130	30	50
1,2-Dibromoethane	94	123	70-130	27	25
1,3-Dichloropropane	92	122	70-130	28	25
1,1,1,2-Tetrachloroethane	96	128	70-130	29	25
o-Chlorotoluene	83	112	70-130	30	25
p-Chlorotoluene	89	120	70-130	30	25
Hexachlorobutadiene	88	118	70-130	29	25
1,2,4-Trichlorobenzene	91	123	70-130	30	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05 Batch: WG255499-4 WG255499-5					
Methylene chloride	111	100	70-130	10	25
1,1-Dichloroethane	116	102	70-130	13	25
Chloroform	119	105	70-130	13	25
Carbon tetrachloride	130	116	70-130	11	25
1,2-Dichloropropane	113	101	70-130	11	25
Dibromochloromethane	108	97	70-130	11	25
1,1,2-Trichloroethane	102	94	70-130	8	25
Tetrachloroethene	119	101	70-130	16	25
Chlorobenzene	115	101	70-130	13	25
1,2-Dichloroethane	120	107	70-130	11	25
1,1,1-Trichloroethane	124	108	70-130	14	25
Bromodichloromethane	118	104	70-130	13	25
trans-1,3-Dichloropropene	98	88	70-130	11	25
cis-1,3-Dichloropropene	108	96	70-130	12	25
Bromoform	106	98	70-130	8	50
1,1,2,2-Tetrachloroethane	93	88	70-130	6	25
Chloromethane	100	86	70-130	15	50
Vinyl chloride	109	96	70-130	13	25
Chloroethane	124	112	70-130	10	25
1,1-Dichloroethene	113	104	70-130	8	25
trans-1,2-Dichloroethene	118	102	70-130	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05 Batch: WG255499-4 WG255499-5					
Trichloroethene	120	104	70-130	14	25
1,2-Dichlorobenzene	112	100	70-130	11	25
1,3-Dichlorobenzene	114	100	70-130	13	25
1,4-Dichlorobenzene	114	99	70-130	14	25
cis-1,2-Dichloroethene	121	105	70-130	14	25
Dichlorodifluoromethane	88	76	70-130	15	50
1,2-Dibromoethane	104	100	70-130	4	25
1,3-Dichloropropane	103	96	70-130	7	25
1,1,1,2-Tetrachloroethane	119	104	70-130	13	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	109	96	70-130	13	25
Hexachlorobutadiene	108	93	70-130	15	25
1,2,4-Trichlorobenzene	108	95	70-130	13	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06 Batch: WG255525-1 WG255525-2					
Methylene chloride	106	107	70-130	1	25
1,1-Dichloroethane	110	107	70-130	3	25
Chloroform	101	101	70-130	0	25
Carbon tetrachloride	104	99	70-130	5	25
1,2-Dichloropropane	101	102	70-130	1	25
Dibromochloromethane	97	95	70-130	2	25
1,1,2-Trichloroethane	110	110	70-130	0	25
Tetrachloroethene	111	111	70-130	0	25
Chlorobenzene	106	107	70-130	1	25
Trichlorofluoromethane	120	114	70-130	5	25
1,2-Dichloroethane	104	105	70-130	1	25
1,1,1-Trichloroethane	105	104	70-130	1	25
Bromodichloromethane	96	98	70-130	2	25
trans-1,3-Dichloropropene	107	106	70-130	1	25
cis-1,3-Dichloropropene	95	100	70-130	5	25
1,1-Dichloropropene	105	104	70-130	1	25
Bromoform	103	104	70-130	1	50
1,1,2,2-Tetrachloroethane	104	107	70-130	3	25
Benzene	107	107	70-130	0	25
Toluene	110	110	70-130	0	25
Ethylbenzene	111	110	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06 Batch: WG255525-1 WG255525-2					
Chloromethane	120	116	70-130	3	50
Bromomethane	106	108	70-130	2	50
Vinyl chloride	119	120	70-130	1	25
Chloroethane	113	118	70-130	4	25
1,1-Dichloroethene	107	105	70-130	2	25
trans-1,2-Dichloroethene	104	104	70-130	0	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	99	102	70-130	3	25
1,3-Dichlorobenzene	103	103	70-130	0	25
1,4-Dichlorobenzene	103	104	70-130	1	25
Methyl tert butyl ether	94	97	70-130	3	25
p/m-Xylene	114	114	70-130	0	25
o-Xylene	112	111	70-130	1	25
cis-1,2-Dichloroethene	106	104	70-130	2	25
Dibromomethane	110	108	70-130	2	25
1,2,3-Trichloropropane	113	113	70-130	0	25
Styrene	113	112	70-130	1	25
Dichlorodifluoromethane	128	124	70-130	3	50
Acetone	86	92	70-130	7	50
Carbon disulfide	86	82	70-130	5	25
2-Butanone	90	102	70-130	13	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06 Batch: WG255525-1 WG255525-2					
4-Methyl-2-pentanone	90	97	70-130	7	50
2-Hexanone	87	95	70-130	9	50
Bromochloromethane	102	103	70-130	1	25
Tetrahydrofuran	82	81	70-130	1	25
2,2-Dichloropropane	102	100	70-130	2	50
1,2-Dibromoethane	106	103	70-130	3	25
1,3-Dichloropropane	105	110	70-130	5	25
1,1,1,2-Tetrachloroethane	110	108	70-130	2	25
Bromobenzene	101	105	70-130	4	25
n-Butylbenzene	88	87	70-130	1	25
sec-Butylbenzene	92	92	70-130	0	25
tert-Butylbenzene	102	102	70-130	0	25
o-Chlorotoluene	104	105	70-130	1	25
p-Chlorotoluene	104	106	70-130	2	25
1,2-Dibromo-3-chloropropane	83	95	70-130	13	50
Hexachlorobutadiene	105	103	70-130	2	25
Isopropylbenzene	105	102	70-130	3	25
p-Isopropyltoluene	94	96	70-130	2	25
Naphthalene	78	82	70-130	5	25
n-Propylbenzene	105	106	70-130	1	25
1,2,3-Trichlorobenzene	93	100	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06 Batch: WG255525-1 WG255525-2					
1,2,4-Trichlorobenzene	89	92	70-130	3	25
1,3,5-Trimethylbenzene	102	102	70-130	0	25
1,2,4-Trimethylbenzene	99	98	70-130	1	25
Ethyl ether	100	100	70-130	0	25
Isopropyl Ether	100	102	70-130	2	25
Ethyl-Tert-Butyl-Ether	99	103	70-130	4	25
Tertiary-Amyl Methyl Ether	96	103	70-130	7	25
1,4-Dioxane	21	23	70-130	9	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108	105	70-130
Toluene-d8	105	103	70-130
4-Bromofluorobenzene	96	102	70-130
Dibromofluoromethane	109	109	70-130

METALS



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-01
 Client ID: MW-47S-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/26/06 16:50
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:20	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-02
 Client ID: MW-40S-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/26/06 16:50
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	100		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:24	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-03

Date Collected: 09/26/06 17:00

Client ID: MW-203S-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	60		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:28	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-04
 Client ID: MW-40-20060926-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/26/06 15:55
 Date Received: 09/27/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	74		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:36	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-05

Date Collected: 09/26/06 00:00

Client ID: DUP-005-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	73		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:46	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613815**Project Number:** 42925**Report Date:** 10/04/06**SAMPLE RESULTS**

Lab ID: L0613815-06

Date Collected: 09/26/06 00:00

Client ID: DUP-006-20060926-01

Date Received: 09/27/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	47		mg/l	2.0	1	09/28/06 17:10	10/04/06 13:06	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-06 Batch: WG255065-1									
Sodium, Dissolved	ND		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:06	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-06 Batch: WG255065-2 WG255065-3					
Sodium, Dissolved	96	98	80-120	2	20

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613815

Project Number: 42925

Report Date: 10/04/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613815-01A	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-01B	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-01C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-02A	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-02B	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-02C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-03A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-03B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-03C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-04A	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-04B	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-04C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-05A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-05B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-05C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-06A	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-06B	Vial Na ₂ S ₂ O ₃ preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-06C	Plastic 250ml HNO ₃ preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

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.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613815
Report Date: 10/04/06

REFERENCES

- 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.



10040616:52



CHAIN OF CUSTODY

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 9/27/06

ALPHA Job #: 00613815

Client Information

Client: ERM
 Address: 399 Baylston St.
 Boston Ma 02116
 Phone: (617) 646-7800
 Fax: (617) 267-6447
 Email: jeremy.picard@erm.com

Project Information

Project Name: Raytheon - Wayland
 Project Location: Wayland MA
 Project #: 42925
 Project Manager: Jeremy Picard
 ALPHA Quote #:
 Turn-Around Time
 Standard RUSH (only confirmed if pre-approved!)
 Date Due: 10/4/06 Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program: MA / MCP
 Criteria: Method - 1 / GW-1

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

Yes No Are MCP Analytical Methods Required?
 Yes No Are Drinking Water Samples Submitted?
 Yes No Have you met minimum field QC requirements?

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "0" = Sodium Thiosulfate

ANALYSIS

8021C by 8260
 Diss MA
 8024C by 8260

(203)

SAMPLE HANDLING

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			8021C	Diss	8024C	
3815	MW-475-20060926-01	9/26/06	1650	GW	BM	✓	✓	✓	3
2	MW-405-20060926-01	9/26/06	1650	GW	EJM	✓	✓	✓	3
3	MW-2035-20060926-01	9/26/06	1700	GW	HEA	✓	✓	✓	3
4	MW-40-20060926-01	9/26/06	1555	GW	EJM	✓	✓	✓	3
5	DUP-005-20060926-01	9/26/06	2400	GW	EJM	✓	✓	✓	3
6	DUP-006-20060926-01	9/26/06	2400	GW	BM	✓	✓	✓	3

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type: V P V
 Preservative: O C B

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.

IS YOUR PROJECT MCP?

Relinquished By: [Signature] Date/Time: 9/27/06 11:15
 Received By: [Signature] Date/Time: 9/27/06 11:15



ANALYTICAL REPORT

Lab Number:	L0613929
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON-WAYLAND
Project Number:	42925
Report Date:	10/05/06

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

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



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Alpha Sample ID	Client ID	Sample Location
L0613929-01	MW-212-20060928-01	WAYLAND, MA
L0613929-02	MW-210-20060928-01	WAYLAND, MA
L0613929-03	MW-105-20060928-01	WAYLAND, MA
L0613929-04	MW-211-20060928-01	WAYLAND, MA
L0613929-05	MW-104-20060928-01	WAYLAND, MA
L0613929-06	TB-004-20060928-01	WAYLAND, MA
L0613929-07	DUP-008-20060928-01	WAYLAND, MA
L0613929-08	MW-118-20060928-01	WAYLAND, MA
L0613929-09	MW-105M-20060928-01	WAYLAND, MA
L0613929-10	MW-117-20060928-01	WAYLAND, MA
L0613929-11	MW-403-20060928-01	WAYLAND, MA
L0613929-12	MW-43S-20060928-01	WAYLAND, MA
L0613929-13	MW-33S-20060928-01	WAYLAND, MA
L0613929-14	MW-33M-20060928-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

MADEP MCP Response Action Analytical Report Certification**The following questions pertain only to MCP Analytical Methods**

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

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

L0613929-02, -03, -07, -08, -09 and -11 had pH's >2.

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0613929-11: 10x

L0613929-13: 5x

In reference to question E:

WG255661-1,2:

The LCSD % recovery for Dichlorodifluoromethane, a difficult analyte, is below the acceptance criteria for the method.

WG255661-4,5; WG255736-1,2:

The LCS/LCSD % recoveries for Dichlorodifluoromethane are below the acceptance criteria for the method.

WG255871-1,2:

The LCS/LCSD % recoveries for Bromomethane, 1,4-Dioxane, Bromoform and 1,2-Dibromo-3-chloropropane, all difficult analytes, are below the acceptance criteria for the method.

WG255736-4,5:

The MS/MSD % recoveries for Dichlorodifluoromethane and the MSD % recovery for Trichloroethene are below the acceptance criteria for the method.

The MS/MSD RPD for Trichloroethene is above the acceptance criteria for the method.

Metals

L0613929-02, -03, and -09 were re-analyzed on 5x dilutions in order to quantitate the samples within the dynamic linear range for Sodium. The result is reported as a greater than value for the element that exceeded the dynamic linear range on the initial analysis. The re-analysis was performed only for Sodium.

L0613929-11 was re-analyzed on a 2x dilution in order to quantitate the sample within the dynamic linear

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Case Narrative (continued)

range for Sodium. The result is reported as a greater than value for the element that exceeded the dynamic linear range on the initial analysis. The re-analysis was performed only for Sodium.

In reference to question E:

The MS/MSD % recoveries for Sodium are invalid because the sample concentration is greater than four times the spike amount added.

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/05/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-01
 Client ID: MW-212-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 12:59
 Analyst: MM

Date Collected: 09/28/06 10:45
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	2.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-01

Date Collected: 09/28/06 10:45

Client ID: MW-212-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-02
 Client ID: MW-210-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 13:33
 Analyst: MM

Date Collected: 09/28/06 11:45
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.5		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	17		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.5		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-02
 Client ID: MW-210-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 11:45
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-03
 Client ID: MW-105-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 14:07
 Analyst: MM

Date Collected: 09/28/06 11:45
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	0.86		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.8		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-03

Date Collected: 09/28/06 11:45

Client ID: MW-105-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-04
 Client ID: MW-211-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 14:41
 Analyst: MM

Date Collected: 09/28/06 09:55
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-04
 Client ID: MW-211-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 09:55
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-05
 Client ID: MW-104-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 18:00
 Analyst: MM

Date Collected: 09/28/06 10:07
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	2.8		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	38		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-05
 Client ID: MW-104-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 10:07
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-06
 Client ID: TB-004-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 18:34
 Analyst: MM

Date Collected: 09/25/06 11:15
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-06
 Client ID: TB-004-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 11:15
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-07
 Client ID: DUP-008-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 02:25
 Analyst: PD

Date Collected: 09/28/06 00:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	62		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.56		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-07

Date Collected: 09/28/06 00:00

Client ID: DUP-008-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-08
 Client ID: MW-118-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 03:03
 Analyst: PD

Date Collected: 09/28/06 11:55
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.81		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	51		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-08
 Client ID: MW-118-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 11:55
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-09
 Client ID: MW-105M-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:58
 Analyst: PD

Date Collected: 09/28/06 11:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	3.2		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-09
 Client ID: MW-105M-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 11:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-10
 Client ID: MW-117-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 11:38
 Analyst: PD

Date Collected: 09/28/06 12:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.65		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-10
 Client ID: MW-117-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 12:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-11
 Client ID: MW-403-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 12:17
 Analyst: PD

Date Collected: 09/28/06 08:50
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	10		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	ND		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	340		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	11		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-11

Date Collected: 09/28/06 08:50

Client ID: MW-403-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	25	10
p-Chlorotoluene	ND		ug/l	25	10
Hexachlorobutadiene	ND		ug/l	6.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-12
 Client ID: MW-43S-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 12:56
 Analyst: PD

Date Collected: 09/28/06 09:35
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	2.0		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	28		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-12
 Client ID: MW-43S-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 09:35
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-13
 Client ID: MW-33S-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 19:08
 Analyst: MM

Date Collected: 09/28/06 12:15
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	25	5
1,1-Dichloroethane	ND		ug/l	3.8	5
Chloroform	ND		ug/l	3.8	5
Carbon tetrachloride	ND		ug/l	2.5	5
1,2-Dichloropropane	ND		ug/l	8.8	5
Dibromochloromethane	ND		ug/l	2.5	5
1,1,2-Trichloroethane	ND		ug/l	3.8	5
Tetrachloroethene	ND		ug/l	2.5	5
Chlorobenzene	ND		ug/l	2.5	5
1,2-Dichloroethane	ND		ug/l	2.5	5
1,1,1-Trichloroethane	34		ug/l	2.5	5
Bromodichloromethane	ND		ug/l	2.5	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	5
Bromoform	ND		ug/l	10	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	5
Chloromethane	ND		ug/l	12	5
Vinyl chloride	ND		ug/l	5.0	5
Chloroethane	ND		ug/l	5.0	5
1,1-Dichloroethene	ND		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	140		ug/l	2.5	5
1,2-Dichlorobenzene	ND		ug/l	12	5
1,3-Dichlorobenzene	ND		ug/l	12	5
1,4-Dichlorobenzene	ND		ug/l	12	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	5
Dichlorodifluoromethane	ND		ug/l	25	5
1,2-Dibromoethane	ND		ug/l	10	5
1,3-Dichloropropane	ND		ug/l	12	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-13

Date Collected: 09/28/06 12:15

Client ID: MW-33S-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	12	5
p-Chlorotoluene	ND		ug/l	12	5
Hexachlorobutadiene	ND		ug/l	3.0	5
1,2,4-Trichlorobenzene	ND		ug/l	12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-14
 Client ID: MW-33M-20060928-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 19:41
 Analyst: MM

Date Collected: 09/28/06 11:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	10		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.2		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-14
 Client ID: MW-33M-20060928-01
 Sample Location: WAYLAND, MA

Date Collected: 09/28/06 11:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/03/06 16:47
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-08 Batch: WG255661-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-08 Batch: WG255661-3				

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-11 Batch: WG255661-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 08:57
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-11 Batch: WG255661-6				

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255736-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 08:57
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
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Volatiles Organics by MCP 8260B for sample(s): 12 Batch: WG255736-3

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/04/06 10:09
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255841-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:09
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255841-3				

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 16:53
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/04/06 16:53
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/04/06 16:53
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-08 Batch: WG255661-1 WG255661-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,2,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-08 Batch: WG255661-1 WG255661-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	66	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		103		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-11 Batch: WG255661-4 WG255661-5					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-11 Batch: WG255661-4 WG255661-5					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	68	60	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255736-1 WG255736-2					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255736-1 WG255736-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	68	60	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255841-1 WG255841-2					
Methylene chloride	105	98	70-130	7	25
1,1-Dichloroethane	100	95	70-130	5	25
Chloroform	101	97	70-130	4	25
Carbon tetrachloride	86	82	70-130	5	25
1,2-Dichloropropane	101	95	70-130	6	25
Dibromochloromethane	77	75	70-130	3	25
1,1,2-Trichloroethane	97	95	70-130	2	25
Tetrachloroethene	108	96	70-130	12	25
Chlorobenzene	102	94	70-130	8	25
1,2-Dichloroethane	101	98	70-130	3	25
1,1,1-Trichloroethane	90	86	70-130	5	25
Bromodichloromethane	85	82	70-130	4	25
trans-1,3-Dichloropropene	83	83	70-130	0	25
cis-1,3-Dichloropropene	86	85	70-130	1	25
Bromoform	71	71	70-130	0	50
1,1,1,2-Tetrachloroethane	93	91	70-130	2	25
Chloromethane	96	86	70-130	11	50
Vinyl chloride	101	95	70-130	6	25
Chloroethane	109	100	70-130	9	25
1,1-Dichloroethene	96	90	70-130	6	25
trans-1,2-Dichloroethene	101	94	70-130	7	25

Lab Control Sample Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255841-1 WG255841-2					
Trichloroethene	97	91	70-130	6	25
1,2-Dichlorobenzene	96	91	70-130	5	25
1,3-Dichlorobenzene	98	92	70-130	6	25
1,4-Dichlorobenzene	98	92	70-130	6	25
cis-1,2-Dichloroethene	106	99	70-130	7	25
Dichlorodifluoromethane	122	109	70-130	11	50
1,2-Dibromoethane	96	94	70-130	2	25
1,3-Dichloropropane	102	97	70-130	5	25
1,1,1,2-Tetrachloroethane	83	82	70-130	1	25
o-Chlorotoluene	101	105	70-130	4	25
p-Chlorotoluene	102	96	70-130	6	25
Hexachlorobutadiene	94	84	70-130	11	25
1,2,4-Trichlorobenzene	84	82	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		99		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
Methylene chloride	102	100	70-130	2	25
1,1-Dichloroethane	99	91	70-130	8	25
Chloroform	99	90	70-130	10	25
Carbon tetrachloride	76	73	70-130	4	25
1,2-Dichloropropane	99	90	70-130	10	25
Dibromochloromethane	71	70	70-130	1	25
1,1,2-Trichloroethane	97	92	70-130	5	25
Tetrachloroethene	105	97	70-130	8	25
Chlorobenzene	100	93	70-130	7	25
Trichlorofluoromethane	124	108	70-130	14	25
1,2-Dichloroethane	101	95	70-130	6	25
1,1,1-Trichloroethane	86	81	70-130	6	25
Bromodichloromethane	77	75	70-130	3	25
trans-1,3-Dichloropropene	76	75	70-130	1	25
cis-1,3-Dichloropropene	81	78	70-130	4	25
1,1-Dichloropropene	102	92	70-130	10	25
Bromoform	65	66	70-130	2	50
1,1,2,2-Tetrachloroethane	91	89	70-130	2	25
Benzene	105	93	70-130	12	25
Toluene	103	95	70-130	8	25
Ethylbenzene	105	97	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
Chloromethane	85	78	70-130	9	50
Bromomethane	58	65	70-130	11	50
Vinyl chloride	96	90	70-130	6	25
Chloroethane	104	96	70-130	8	25
1,1-Dichloroethene	96	88	70-130	9	25
trans-1,2-Dichloroethene	100	88	70-130	13	25
Trichloroethene	95	85	70-130	11	25
1,2-Dichlorobenzene	95	91	70-130	4	25
1,3-Dichlorobenzene	97	92	70-130	5	25
1,4-Dichlorobenzene	98	92	70-130	6	25
Methyl tert butyl ether	98	84	70-130	15	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	106	96	70-130	10	25
cis-1,2-Dichloroethene	101	94	70-130	7	25
Dibromomethane	98	90	70-130	9	25
1,2,3-Trichloropropane	101	98	70-130	3	25
Styrene	99	90	70-130	10	25
Dichlorodifluoromethane	118	104	70-130	13	50
Acetone	120	100	70-130	18	50
Carbon disulfide	96	79	70-130	19	25
2-Butanone	104	103	70-130	1	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
4-Methyl-2-pentanone	108	101	70-130	7	50
2-Hexanone	102	100	70-130	2	50
Bromochloromethane	101	94	70-130	7	25
Tetrahydrofuran	86	78	70-130	10	25
2,2-Dichloropropane	86	81	70-130	6	50
1,2-Dibromoethane	93	90	70-130	3	25
1,3-Dichloropropane	101	97	70-130	4	25
1,1,1,2-Tetrachloroethane	74	77	70-130	4	25
Bromobenzene	96	89	70-130	8	25
n-Butylbenzene	103	94	70-130	9	25
sec-Butylbenzene	103	96	70-130	7	25
tert-Butylbenzene	101	95	70-130	6	25
o-Chlorotoluene	112	106	70-130	6	25
p-Chlorotoluene	102	96	70-130	6	25
1,2-Dibromo-3-chloropropane	56	63	70-130	12	50
Hexachlorobutadiene	93	88	70-130	6	25
Isopropylbenzene	113	105	70-130	7	25
p-Isopropyltoluene	100	94	70-130	6	25
Naphthalene	92	91	70-130	1	25
n-Propylbenzene	103	96	70-130	7	25
1,2,3-Trichlorobenzene	92	91	70-130	1	25

Lab Control Sample Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
1,2,4-Trichlorobenzene	86	83	70-130	4	25
1,3,5-Trimethylbenzene	101	95	70-130	6	25
1,2,4-Trimethylbenzene	103	98	70-130	5	25
Ethyl ether	103	92	70-130	11	25
Isopropyl Ether	101	90	70-130	12	25
Ethyl-Tert-Butyl-Ether	98	89	70-130	10	25
Tertiary-Amyl Methyl Ether	96	82	70-130	16	25
1,4-Dioxane	50	44	70-130	13	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105	99	70-130
Toluene-d8	102	102	70-130
4-Bromofluorobenzene	99	100	70-130
Dibromofluoromethane	99	96	70-130



Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255736-4 WG255736-5 QC Sample: L0613929-12 Client ID: MW-43S-20060928-01										
Methylene chloride	ND	10	9.5	95	9.0	90	70-130	5	30	
1,1-Dichloroethane	ND	10	10	103	9.5	95	70-130	8	30	
Chloroform	ND	10	9.3	94	8.7	87	70-130	8	30	
Carbon tetrachloride	ND	10	11	114	10	104	70-130	9	30	
1,2-Dichloropropane	ND	10	9.8	98	9.5	95	70-130	3	30	
Dibromochloromethane	ND	10	10	102	9.7	97	70-130	5	30	
1,1,2-Trichloroethane	ND	10	10	102	9.9	99	70-130	3	30	
Tetrachloroethene	2.0	10	13	108	12	101	70-130	7	30	
Chlorobenzene	ND	10	10	104	10	100	70-130	4	30	
1,2-Dichloroethane	ND	10	11	108	10	101	70-130	7	30	
1,1,1-Trichloroethane	ND	10	11	108	10	100	70-130	8	30	
Bromodichloromethane	ND	10	9.8	98	9.4	94	70-130	4	30	
trans-1,3-Dichloropropene	ND	10	9.1	91	8.8	88	70-130	3	30	
cis-1,3-Dichloropropene	ND	10	9.1	91	8.6	86	70-130	6	30	
Bromoform	ND	10	10	104	10	101	70-130	3	30	
1,1,2,2-Tetrachloroethane	ND	10	9.7	97	9.3	93	70-130	4	30	
Chloromethane	ND	10	7.9	79	7.2	72	70-130	9	30	
Vinyl chloride	ND	10	9.7	97	8.8	88	70-130	10	30	
Chloroethane	ND	10	10	104	10	100	70-130	4	30	
1,1-Dichloroethene	ND	10	9.8	98	9.0	90	70-130	9	30	
trans-1,2-Dichloroethene	ND	10	10	102	9.4	94	70-130	8	30	

**Matrix Spike Analysis
Batch Quality Control**

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS		MSD		Recovery Limits	RPD	RPD Limits
			MS Found	%Recovery	MSD Found	%Recovery			
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255736-4 WG255736-5 QC Sample: L0613929-12 Client ID: MW-43S-20060928-01									
Trichloroethene	28	10	36	84	33	56	70-130	40	30
1,2-Dichlorobenzene	ND	10	10	105	9.9	99	70-130	6	30
1,3-Dichlorobenzene	ND	10	10	105	10	100	70-130	5	30
1,4-Dichlorobenzene	ND	10	10	104	10	100	70-130	4	30
cis-1,2-Dichloroethene	ND	10	11	108	9.9	99	70-130	9	30
Dichlorodifluoromethane	ND	10	5.9	59	5.4	54	70-130	9	30
1,2-Dibromoethane	ND	10	10	104	10	101	70-130	3	30
1,3-Dichloropropane	ND	10	10	101	9.9	99	70-130	2	30
1,1,1,2-Tetrachloroethane	ND	10	11	111	10	104	70-130	7	30
o-Chlorotoluene	ND	10	9.5	95	8.9	89	70-130	7	30
p-Chlorotoluene	ND	10	10	100	9.6	96	70-130	4	30
Hexachlorobutadiene	ND	10	10	100	9.4	94	70-130	6	30
1,2,4-Trichlorobenzene	ND	10	9.9	99	9.5	95	70-130	4	30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	105		103		70-130
4-Bromofluorobenzene	92		94		70-130
Dibromofluoromethane	102		104		70-130
Toluene-d8	97		97		70-130



METALS



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-01

Date Collected: 09/28/06 10:45

Client ID: MW-212-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	49		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:36	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-02

Date Collected: 09/28/06 11:45

Client ID: MW-210-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 12:40	EPA 3005A	60,6010B	AI
Sodium, Dissolved	250		mg/l	10	5	10/02/06 16:40	10/05/06 16:06	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-03

Date Collected: 09/28/06 11:45

Client ID: MW-105-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 12:44	EPA 3005A	60,6010B	AI
Sodium, Dissolved	340		mg/l	10	5	10/02/06 16:40	10/05/06 16:25	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-04

Date Collected: 09/28/06 09:55

Client ID: MW-211-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	32		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:48	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-05

Date Collected: 09/28/06 10:07

Client ID: MW-104-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:51	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-07

Date Collected: 09/28/06 00:00

Client ID: DUP-008-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:55	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-08

Date Collected: 09/28/06 11:55

Client ID: MW-118-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:59	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-09

Date Collected: 09/28/06 11:05

Client ID: MW-105M-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 13:14	EPA 3005A	60,6010B	AI
Sodium, Dissolved	300		mg/l	10	5	10/02/06 16:40	10/05/06 16:28	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-10

Date Collected: 09/28/06 12:00

Client ID: MW-117-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	98		mg/l	2.0	1	10/02/06 16:40	10/05/06 13:18	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-11

Date Collected: 09/28/06 08:50

Client ID: MW-403-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 13:22	EPA 3005A	60,6010B	AI
Sodium, Dissolved	180		mg/l	4.0	2	10/02/06 16:40	10/05/06 16:31	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-12

Date Collected: 09/28/06 09:35

Client ID: MW-43S-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	200		mg/l	10	5	10/02/06 16:40	10/05/06 13:25	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-13

Date Collected: 09/28/06 12:15

Client ID: MW-33S-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	5.3		mg/l	2.0	1	10/02/06 16:40	10/05/06 14:15	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0613929**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613929-14

Date Collected: 09/28/06 11:00

Client ID: MW-33M-20060928-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	13		mg/l	2.0	1	10/02/06 16:40	10/05/06 14:29	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-05,07-14 Batch: WG255441-1									
Sodium, Dissolved	ND		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:24	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-05,07-14 Batch: WG255441-2 WG255441-3					
Sodium, Dissolved	93	93	80-120	0	20

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery	Limits			
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-05,07-14 QC Batch ID: WG255441-4 WG255441-5 QC Sample: L0613929-12 Client ID: MW-43S-20060928-01										
Sodium, Dissolved	200	10	200	0	200	0	75-125	NC	20	

Project Name: RAYTHEON-WAYLAND

Lab Number: L0613929

Project Number: 42925

Report Date: 10/05/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613929-01A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-01B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-01C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-02A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-02B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-02C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-03A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-03B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-03C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-04A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-04B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-04C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-05A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-05B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-05C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-06A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-08A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-08B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-08C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-09A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-09B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-09C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-10A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-10B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-10C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-11A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-11B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON-WAYLAND**Project Number:** 42925**Lab Number:** L0613929**Report Date:** 10/05/06**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613929-11C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12D	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12E	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12F	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12G	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12H	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12I	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-14A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-14B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-14C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

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.
 NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
 ND - Not detected at the reported detection limit for the sample.
 RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
 RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

REFERENCES

- 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.



10050620:16



CHAIN OF CUSTODY

PAGE 1 OF 2

WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Date Rec'd in Lab: 9/28

ALPHA Job #: L0613929

Client Information

Client: ERM
 Address: 399 Boylston St.
 Boston Ma 02116
 Phone: (617) 646-7800
 Fax: (617) 267-6447
 Email: Jeremy.Ricard@erm.com

Project Information

Project Name: Raytheon - Wayland
 Project Location: Wayland MA
 Project #: 42925
 Project Manager: Jeremy Picano
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/5 Time:

Regulatory Requirements/Report Limits

State / Fed Program: MA / MCP Criteria: Method-1 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?

Other Project Specific Requirements/Comments/Detection Limits:
 Presumptive "0" = Thiosulfate

ANALYSIS
 8021c by 8260
 Diss. Na
 8021c by 8260

SAMPLE HANDLING

Filtration

Done

Not needed

Lab to do

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments		TOTAL # BOTTLES
3929	MW-212-20060928-01	9/28/06	10:45	GW	TD	2	1	3
	2 MW-210-20060928-01	9/28/06	10:45	GW	TD		2	3
	3 MW-105-20060928-01	9/28/06	11:45	GW	EJM		2	3
	4 MW-211-20060928-01	9/28/06	09:55	GW	TD	2	1	3
	5 MW-104-20060928-01	9/28/06	10:07	GW	JDF	2	1	3
	6 TB-004-20060928-01	9/25/06	11:15	GW	ZP		1	1
	7 DUP-008-20060928-01	9/28/06	24:00	GW	JDF		2	3
	8 MW-118-20060928-01	9/28/06	11:55	GW	JDF		2	3
	9 MW-105M-20060928-01	9/28/06	11:05	GW	EJM		2	3
	10 MW-117-20060928-01	9/28/06	12:00	GW	BM	2	1	3

PLEASE ANSWER QUESTIONS ABOVE!

Container Type: V P V
 Preservative: B C D

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By: [Signature] Date/Time: 9/28/06 15:30
 Received By: [Signature] Date/Time: 9/28 1530

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.

10050620:16



CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 9/28 ALPHA Job #: 20613929

WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: Rythem - Waylms
 Project Location: Waylms MA
 Project #: 42925
 Project Manager: Jeremy Picard
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM
 Address: 399 Boylston St.
Boston MA 02116
 Phone: (617) 646-7800
 Fax: (617) 267-6447
 Email: jeremy.picard@erm.com
 These samples have been previously analyzed by Alpha

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
 Date Due: 10/5 Time:

Regulatory Requirements/Report Limits

State/Fed Program: MA/MCP Criteria: Methal-1 GW-1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:

Preservative '0' - Thiosulfate

ANALYSIS

8021C by 8260

Diss. Na

8021C by 8260

SAMPLE HANDLING

Filtration

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			8021C by 8260	Diss. Na		
<u>3929</u>	<u>11 MW-403-20060928-01</u>	<u>9/28/06</u>	<u>08:50</u>	<u>GW</u>	<u>BM</u>	<u>1</u>	<u>2</u>		<u>3</u>
	<u>12 MW-435-20060928-01</u>	<u>9/28/06</u>	<u>09:35</u>	<u>GW</u>	<u>EJM</u>	<u>2</u>	<u>1</u>		<u>3</u>
	<u>12 MW-435-20060928-01-MS</u>	<u>9/28/06</u>	<u>09:35</u>	<u>GW</u>	<u>EJM</u>	<u>2</u>	<u>1</u>		<u>3</u>
	<u>12 MW-435-20060928-01-MSD</u>	<u>9/28/06</u>	<u>09:35</u>	<u>GW</u>	<u>EJM</u>	<u>2</u>	<u>1</u>		<u>3</u>
	<u>13 MW-33S-20060928-01</u>	<u>9/28/06</u>	<u>12:15</u>	<u>GW</u>	<u>HEA</u>	<u>2</u>	<u>1</u>		<u>3</u>
	<u>14 MW-33M-20060928-01</u>	<u>9/28/06</u>	<u>11:00</u>	<u>GW</u>	<u>HEA</u>	<u>2</u>	<u>1</u>		<u>3</u>

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
 MA MCP or CT RCP?

Container Type	<u>V</u>	<u>P</u>	<u>V</u>
Preservative	<u>B</u>	<u>L</u>	<u>O</u>

Relinquished By: [Signature] Date/Time: 9/28/06 15:30
 Received By: [Signature] Date/Time: 9/28 1530

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



ANALYTICAL REPORT

Lab Number:	L0613895
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON
Project Number:	42925
Report Date:	10/05/06

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

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



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

Alpha Sample ID	Client ID	Sample Location
L0613895-01	DEP-19M-20060927-01	WAYLAND
L0613895-02	MW-261S-20060927-01	WAYLAND
L0613895-03	MW-262S-20060927-01	WAYLAND

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

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.

Volatile Organics

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0613895-02 (100x)

L0613895-03 (2x)

In reference to question E:

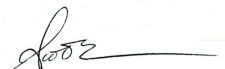
The WG255675-4,5 LCS,LCSD have low recoveries for 1,4-dioxane (in the LCS) and 1,2-dibromo-3-chloropropane, both difficult analytes.

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/05/06

ORGANICS

VOLATILES

Project Name: RAYTHEON**Lab Number:** L0613895**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613895-01
 Client ID: DEP-19M-20060927-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 11:51
 Analyst: MM

Date Collected: 09/27/06 08:40
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.9		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	14		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613895**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613895-01
 Client ID: DEP-19M-20060927-01
 Sample Location: WAYLAND

Date Collected: 09/27/06 08:40
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613895-02
 Client ID: MW-261S-20060927-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 23:36
 Analyst: MM

Date Collected: 09/27/06 09:30
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	500	100
1,1-Dichloroethane	ND		ug/l	75	100
Chloroform	ND		ug/l	75	100
Carbon tetrachloride	ND		ug/l	50	100
1,2-Dichloropropane	ND		ug/l	180	100
Dibromochloromethane	ND		ug/l	50	100
1,1,2-Trichloroethane	ND		ug/l	75	100
Tetrachloroethene	68		ug/l	50	100
Chlorobenzene	ND		ug/l	50	100
1,2-Dichloroethane	ND		ug/l	50	100
1,1,1-Trichloroethane	ND		ug/l	50	100
Bromodichloromethane	ND		ug/l	50	100
trans-1,3-Dichloropropene	ND		ug/l	50	100
cis-1,3-Dichloropropene	ND		ug/l	50	100
Bromoform	ND		ug/l	200	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	100
Chloromethane	ND		ug/l	250	100
Vinyl chloride	ND		ug/l	100	100
Chloroethane	ND		ug/l	100	100
1,1-Dichloroethene	ND		ug/l	50	100
trans-1,2-Dichloroethene	ND		ug/l	75	100
Trichloroethene	3600		ug/l	50	100
1,2-Dichlorobenzene	ND		ug/l	250	100
1,3-Dichlorobenzene	ND		ug/l	250	100
1,4-Dichlorobenzene	ND		ug/l	250	100
cis-1,2-Dichloroethene	120		ug/l	50	100
Dichlorodifluoromethane	ND		ug/l	500	100
1,2-Dibromoethane	ND		ug/l	200	100
1,3-Dichloropropane	ND		ug/l	250	100
1,1,1,2-Tetrachloroethane	ND		ug/l	50	100

Project Name: RAYTHEON**Lab Number:** L0613895**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613895-02
 Client ID: MW-261S-20060927-01
 Sample Location: WAYLAND

Date Collected: 09/27/06 09:30
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	250	100
p-Chlorotoluene	ND		ug/l	250	100
Hexachlorobutadiene	ND		ug/l	60	100
1,2,4-Trichlorobenzene	ND		ug/l	250	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613895-03
 Client ID: MW-262S-20060927-01
 Sample Location: WAYLAND
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 00:09
 Analyst: MM

Date Collected: 09/27/06 09:55
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	ND		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	8.1		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	ND		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	ND		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	58		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	ND		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON**Lab Number:** L0613895**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613895-03
 Client ID: MW-262S-20060927-01
 Sample Location: WAYLAND

Date Collected: 09/27/06 09:55
 Date Received: 09/28/06
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	5.0	2
p-Chlorotoluene	ND		ug/l	5.0	2
Hexachlorobutadiene	ND		ug/l	1.2	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-03 Batch: WG255675-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-03 Batch: WG255675-6				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-03 Batch: WG255675-6				

Parameter	Result	Qualifier	Units	RDL
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:09
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01 Batch: WG255841-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613895

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:09
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
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Volatil Organic by MCP 8260B for sample(s): 01 Batch: WG255841-3

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613895

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-03 Batch: WG255675-4 WG255675-5					
Methylene chloride	101	98	70-130	3	25
1,1-Dichloroethane	93	92	70-130	1	25
Chloroform	93	92	70-130	1	25
Carbon tetrachloride	78	79	70-130	1	25
1,2-Dichloropropane	94	95	70-130	1	25
Dibromochloromethane	71	71	70-130	0	25
1,1,2-Trichloroethane	94	93	70-130	1	25
Tetrachloroethene	100	95	70-130	5	25
Chlorobenzene	96	93	70-130	3	25
Trichlorofluoromethane	115	112	70-130	3	25
1,2-Dichloroethane	97	97	70-130	0	25
1,1,1-Trichloroethane	82	82	70-130	0	25
Bromodichloromethane	76	81	70-130	6	25
trans-1,3-Dichloropropene	77	76	70-130	1	25
cis-1,3-Dichloropropene	81	84	70-130	4	25
1,1-Dichloropropene	97	95	70-130	2	25
Bromoform	71	72	70-130	1	50
1,1,2,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	98	96	70-130	2	25
Toluene	100	93	70-130	7	25
Ethylbenzene	102	96	70-130	6	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613895

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-03 Batch: WG255675-4 WG255675-5					
Chloromethane	97	96	70-130	1	50
Bromomethane	80	86	70-130	7	50
Vinyl chloride	100	99	70-130	1	25
Chloroethane	102	99	70-130	3	25
1,1-Dichloroethene	93	90	70-130	3	25
trans-1,2-Dichloroethene	96	92	70-130	4	25
Trichloroethene	88	88	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	93	70-130	1	25
1,4-Dichlorobenzene	94	94	70-130	0	25
Methyl tert butyl ether	85	88	70-130	3	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	102	97	70-130	5	25
cis-1,2-Dichloroethene	97	99	70-130	2	25
Dibromomethane	95	98	70-130	3	25
1,2,3-Trichloropropane	98	100	70-130	2	25
Styrene	93	89	70-130	4	25
Dichlorodifluoromethane	121	118	70-130	3	50
Acetone	98	110	70-130	12	50
Carbon disulfide	72	70	70-130	3	25
2-Butanone	97	100	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613895

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-03 Batch: WG255675-4 WG255675-5					
4-Methyl-2-pentanone	102	98	70-130	4	50
2-Hexanone	100	94	70-130	6	50
Bromochloromethane	98	95	70-130	3	25
Tetrahydrofuran	78	79	70-130	1	25
2,2-Dichloropropane	87	86	70-130	1	50
1,2-Dibromoethane	92	88	70-130	4	25
1,3-Dichloropropane	98	96	70-130	2	25
1,1,1,2-Tetrachloroethane	77	78	70-130	1	25
Bromobenzene	92	92	70-130	0	25
n-Butylbenzene	98	94	70-130	4	25
sec-Butylbenzene	101	97	70-130	4	25
tert-Butylbenzene	97	94	70-130	3	25
o-Chlorotoluene	102	99	70-130	3	25
p-Chlorotoluene	99	97	70-130	2	25
1,2-Dibromo-3-chloropropane	62	64	70-130	3	50
Hexachlorobutadiene	90	87	70-130	3	25
Isopropylbenzene	108	103	70-130	5	25
p-Isopropyltoluene	96	92	70-130	4	25
Naphthalene	88	91	70-130	3	25
n-Propylbenzene	98	97	70-130	1	25
1,2,3-Trichlorobenzene	89	92	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-03 Batch: WG255675-4 WG255675-5					
1,2,4-Trichlorobenzene	83	82	70-130	1	25
1,3,5-Trimethylbenzene	98	95	70-130	3	25
1,2,4-Trimethylbenzene	101	100	70-130	1	25
Ethyl ether	97	97	70-130	0	25
Isopropyl Ether	93	95	70-130	2	25
Ethyl-Tert-Butyl-Ether	90	92	70-130	2	25
Tertiary-Amyl Methyl Ether	87	88	70-130	1	25
1,4-Dioxane	69	73	70-130	6	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101	105	70-130
Toluene-d8	102	98	70-130
4-Bromofluorobenzene	101	102	70-130
Dibromofluoromethane	95	97	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613895

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG255841-1 WG255841-2					
Methylene chloride	105	98	70-130	7	25
1,1-Dichloroethane	100	95	70-130	5	25
Chloroform	101	97	70-130	4	25
Carbon tetrachloride	86	82	70-130	5	25
1,2-Dichloropropane	101	95	70-130	6	25
Dibromochloromethane	77	75	70-130	3	25
1,1,2-Trichloroethane	97	95	70-130	2	25
Tetrachloroethene	108	96	70-130	12	25
Chlorobenzene	102	94	70-130	8	25
1,2-Dichloroethane	101	98	70-130	3	25
1,1,1-Trichloroethane	90	86	70-130	5	25
Bromodichloromethane	85	82	70-130	4	25
trans-1,3-Dichloropropene	83	83	70-130	0	25
cis-1,3-Dichloropropene	86	85	70-130	1	25
Bromoform	71	71	70-130	0	50
1,1,1,2-Tetrachloroethane	93	91	70-130	2	25
Chloromethane	96	86	70-130	11	50
Vinyl chloride	101	95	70-130	6	25
Chloroethane	109	100	70-130	9	25
1,1-Dichloroethene	96	90	70-130	6	25
trans-1,2-Dichloroethene	101	94	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG255841-1 WG255841-2					
Trichloroethene	97	91	70-130	6	25
1,2-Dichlorobenzene	96	91	70-130	5	25
1,3-Dichlorobenzene	98	92	70-130	6	25
1,4-Dichlorobenzene	98	92	70-130	6	25
cis-1,2-Dichloroethene	106	99	70-130	7	25
Dichlorodifluoromethane	122	109	70-130	11	50
1,2-Dibromoethane	96	94	70-130	2	25
1,3-Dichloropropane	102	97	70-130	5	25
1,1,1,2-Tetrachloroethane	83	82	70-130	1	25
o-Chlorotoluene	101	105	70-130	4	25
p-Chlorotoluene	102	96	70-130	6	25
Hexachlorobutadiene	94	84	70-130	11	25
1,2,4-Trichlorobenzene	84	82	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		99		70-130

Project Name: RAYTHEON**Lab Number:** L0613895**Project Number:** 42925**Report Date:** 10/05/06**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613895-01A	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04
L0613895-01B	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04
L0613895-02A	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04
L0613895-02B	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04
L0613895-03A	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04
L0613895-03B	Vial HCl preserved	A	NA	0.8C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

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.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613895
Report Date: 10/05/06

REFERENCES

- 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.



10050614:46



WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613895

Project Information

Project Name: RANTHEON
 Project Location: WAYLAND
 Project #: 42925
 Project Manager: JEREMY PICARD
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Acc'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM - BOSTON
 Address: 394 BOYLSTON ST 6TH FLOOR
 BOSTON, MA 02116
 Phone: (617) 646-7800
 Fax: (617) 646-2644
 Email: jeremy.picard@erm.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 10/5/06 Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "0"

Regulatory Requirements/Report Limits

State /Fed Program: MCP Criteria: METHOD 1 GW 1

MAMCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS 80% by 8/26

Done
 Not needed
 Lab to do Preservation
 Lab to do

(Please specify below)

SAMPLE HANDLING

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		Sample Specific Comments	TOTAL # BOTTLES
3895-01	DEP-19M-20060927-01	9/27/06	8:40	GW	TD	2		2
-02	MW-2615-20060927-01	9/27/06	9:30	GW	EJM	2		2
-03	MW-2623-20060927-01	9/27/06	9:55	GW	TD	2		2

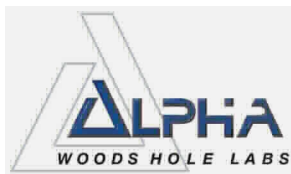
PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type V
 Preservative B

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.

Relinquished By: *Paul Gilbert* Date/Time: 9/28/06 11:55
 Received By: *T. F. Calamy* Date/Time: 9/28/06 12:10



ANALYTICAL REPORT

Lab Number:	L0613886
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON
Project Number:	42925
Report Date:	10/05/06

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

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



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Alpha Sample ID	Client ID	Sample Location
L0613886-01	TB-003-20060927-01	WAYLAND, MA
L0613886-02	IP-16S-20060927-01	WAYLAND, MA
L0613886-03	MW-405S-20060927-01	WAYLAND, MA
L0613886-04	IP-17D-20060927-01	WAYLAND, MA
L0613886-05	MW-212M-20060927-01	WAYLAND, MA
L0613886-06	MW-209-20060927-01	WAYLAND, MA
L0613886-07	MW-106-20060927-01	WAYLAND, MA
L0613886-08	MW-106M-20060927-01	WAYLAND, MA
L0613886-09	MW-404-20060927-01	WAYLAND, MA
L0613886-10	DUP-007-20060927-01	WAYLAND, MA
L0613886-11	MW-203D-20060927-01	WAYLAND, MA
L0613886-12	MW-203M-20060927-01	WAYLAND, MA
L0613886-13	MW-203M-20060927-01-MS	WAYLAND, MA
L0613886-14	MW-203M-20060927-01-MSD	WAYLAND, MA
L0613886-15	MW-115-20060927-01	WAYLAND, MA
L0613886-16	MW-113-20060927-01	WAYLAND, MA
L0613886-17	MW-111-20060927-01	WAYLAND, MA
L0613886-18	MW-107-20060927-01	WAYLAND, MA
L0613886-19	MW-109-20060927-01	WAYLAND, MA
L0613886-20	MW-47M-20060927-01	WAYLAND, MA
L0613886-21	MW-47D-20060927-01	WAYLAND, MA

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

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

L0613886-02, -03, -04, -07, -08, -09, -10, -18 and -21 had pH's >2.

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0613886-11: 2x

L0613886-15: 2.5x

In reference to question E:

WG255661-1,2; WG255663-2,3:

The LCSD % recovery for Dichlorodifluoromethane, a difficult analyte, is below the acceptance criteria for the method.

WG255661-4,5:

The LCS/LCSD % recoveries for Dichlorodifluoromethane are below the acceptance criteria for the method.

WG255675-4,5:

The LCS/LCSD % recoveries for 1,2-Dibromo-3-chloropropane and the LCS % recovery for 1,4-Dioxane, both difficult analytes, are below the acceptance criteria for the method.

WG255663-4,5:

The MSD % recovery for Dichlorodifluoromethane is below the acceptance criteria for the method.

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

Metals

L0613886-02 and -03 have elevated detection limits due to the 10x dilutions required by the elevated concentrations of Sodium in the samples.

L0613886-09 and -10 were analyzed on 10x dilutions in order to quantitate the samples within the dynamic

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Case Narrative (continued)

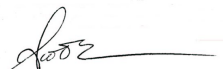
linear range for Sodium.

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

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

Date: 10/05/06

ORGANICS

VOLATILES

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-01
 Client ID: TB-003-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:42
 Analyst: MM

Date Collected: 09/25/06 11:15
 Date Received: 09/28/06
 Field Prep: None

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-01
 Client ID: TB-003-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/25/06 11:15
 Date Received: 09/28/06
 Field Prep: None

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-02
 Client ID: IP-16S-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 10:42
 Analyst: PD

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-02
 Client ID: IP-16S-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-03
 Client ID: MW-405S-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 11:20
 Analyst: PD

Date Collected: 09/27/06 16:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-03

Date Collected: 09/27/06 16:05

Client ID: MW-405S-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-04
 Client ID: IP-17D-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 11:59
 Analyst: PD

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	0.77		ug/l	0.75	1
Chloroform	1.1		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	98		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.5		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-04
 Client ID: IP-17D-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-05
 Client ID: MW-212M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 11:17
 Analyst: MM

Date Collected: 09/27/06 11:25
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.69		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	6.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-05
 Client ID: MW-212M-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 11:25
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-06
 Client ID: MW-209-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 20:50
 Analyst: MM

Date Collected: 09/27/06 11:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	2.0		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-06
 Client ID: MW-209-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 11:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-07
 Client ID: MW-106-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 12:39
 Analyst: PD

Date Collected: 09/27/06 10:36
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.6		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	14		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-07
 Client ID: MW-106-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 10:36
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-08
 Client ID: MW-106M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 13:19
 Analyst: PD

Date Collected: 09/27/06 09:08
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	11		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-08
 Client ID: MW-106M-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 09:08
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-09
Client ID: MW-404-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Analytical Method: 60,8260B
Analytical Date: 10/03/06 21:23
Analyst: MM

Date Collected: 09/27/06 12:24
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-09

Date Collected: 09/27/06 12:24

Client ID: MW-404-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-10
 Client ID: DUP-007-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 20:00
 Analyst: PD

Date Collected: 09/27/06 00:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-10
 Client ID: DUP-007-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 00:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-11
 Client ID: MW-203D-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 21:56
 Analyst: MM

Date Collected: 09/27/06 11:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	ND		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	2.3		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	ND		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	ND		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	80		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	6.9		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-11

Date Collected: 09/27/06 11:00

Client ID: MW-203D-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	5.0	2
p-Chlorotoluene	ND		ug/l	5.0	2
Hexachlorobutadiene	ND		ug/l	1.2	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-12
Client ID: MW-203M-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Analytical Method: 60,8260B
Analytical Date: 10/03/06 20:39
Analyst: PD

Date Collected: 09/27/06 08:50
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.87		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	0.59		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-12
 Client ID: MW-203M-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 08:50
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-15
 Client ID: MW-115-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:19
 Analyst: PD

Date Collected: 09/27/06 13:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	12	2.5
1,1-Dichloroethane	ND		ug/l	1.9	2.5
Chloroform	ND		ug/l	1.9	2.5
Carbon tetrachloride	ND		ug/l	1.2	2.5
1,2-Dichloropropane	ND		ug/l	4.4	2.5
Dibromochloromethane	ND		ug/l	1.2	2.5
1,1,2-Trichloroethane	ND		ug/l	1.9	2.5
Tetrachloroethene	ND		ug/l	1.2	2.5
Chlorobenzene	ND		ug/l	1.2	2.5
1,2-Dichloroethane	ND		ug/l	1.2	2.5
1,1,1-Trichloroethane	31		ug/l	1.2	2.5
Bromodichloromethane	ND		ug/l	1.2	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	2.5
Bromoform	ND		ug/l	5.0	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	2.5
Chloromethane	ND		ug/l	6.2	2.5
Vinyl chloride	ND		ug/l	2.5	2.5
Chloroethane	ND		ug/l	2.5	2.5
1,1-Dichloroethene	1.2		ug/l	1.2	2.5
trans-1,2-Dichloroethene	ND		ug/l	1.9	2.5
Trichloroethene	120		ug/l	1.2	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	2.5
cis-1,2-Dichloroethene	ND		ug/l	1.2	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5
1,2-Dibromoethane	ND		ug/l	5.0	2.5
1,3-Dichloropropane	ND		ug/l	6.2	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	1.2	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-15
 Client ID: MW-115-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 13:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	6.2	2.5
p-Chlorotoluene	ND		ug/l	6.2	2.5
Hexachlorobutadiene	ND		ug/l	1.5	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-16
 Client ID: MW-113-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 23:13
 Analyst: PD

Date Collected: 09/27/06 16:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	0.79		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	6.1		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	41		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.0		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-16

Date Collected: 09/27/06 16:00

Client ID: MW-113-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-17
 Client ID: MW-111-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 09:40
 Analyst: PD

Date Collected: 09/27/06 15:30
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	0.80		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	8.4		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	40		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-17
 Client ID: MW-111-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 15:30
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-18
 Client ID: MW-107-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 00:30
 Analyst: PD

Date Collected: 09/27/06 12:20
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	61		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	7.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-18

Date Collected: 09/27/06 12:20

Client ID: MW-107-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-19
 Client ID: MW-109-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 01:08
 Analyst: PD

Date Collected: 09/27/06 13:40
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	28		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	5.0		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-19
 Client ID: MW-109-20060927-01
 Sample Location: WAYLAND, MA

Date Collected: 09/27/06 13:40
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-20
 Client ID: MW-47M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/04/06 01:46
 Analyst: PD

Date Collected: 09/27/06 09:30
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	64		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	4.7		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-20

Date Collected: 09/27/06 09:30

Client ID: MW-47M-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-21
 Client ID: MW-47D-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/03/06 22:30
 Analyst: MM

Date Collected: 09/27/06 11:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.6		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.8		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-21

Date Collected: 09/27/06 11:00

Client ID: MW-47D-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 07:20
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-04,07-08 Batch: WG255413-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 07:20
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-04,07-08 Batch: WG255413-6				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 10,16,18-20 Batch: WG255661-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 10,16,18-20 Batch: WG255661-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 08:57
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 15,17 Batch: WG255661-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 08:57
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 15,17 Batch: WG255661-6				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255663-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 16:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
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Volatiles Organics by MCP 8260B for sample(s): 12 Batch: WG255663-3

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
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1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/03/06 15:46
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:09
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01,05 Batch: WG255841-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/04/06 10:09
 Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01,05 Batch: WG255841-3				

p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-04,07-08 Batch: WG255413-4 WG255413-5					
Methylene chloride	111	100	70-130	10	25
1,1-Dichloroethane	116	102	70-130	13	25
Chloroform	119	105	70-130	13	25
Carbon tetrachloride	130	116	70-130	11	25
1,2-Dichloropropane	113	101	70-130	11	25
Dibromochloromethane	108	97	70-130	11	25
1,1,2-Trichloroethane	102	94	70-130	8	25
Tetrachloroethene	119	101	70-130	16	25
Chlorobenzene	115	101	70-130	13	25
1,2-Dichloroethane	120	107	70-130	11	25
1,1,1-Trichloroethane	124	108	70-130	14	25
Bromodichloromethane	118	104	70-130	13	25
trans-1,3-Dichloropropene	98	88	70-130	11	25
cis-1,3-Dichloropropene	108	96	70-130	12	25
Bromoform	106	98	70-130	8	50
1,1,1,2-Tetrachloroethane	93	88	70-130	6	25
Chloromethane	100	86	70-130	15	50
Vinyl chloride	109	96	70-130	13	25
Chloroethane	124	112	70-130	10	25
1,1-Dichloroethene	113	104	70-130	8	25
trans-1,2-Dichloroethene	118	102	70-130	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-04,07-08 Batch: WG255413-4 WG255413-5					
Trichloroethene	120	104	70-130	14	25
1,2-Dichlorobenzene	112	100	70-130	11	25
1,3-Dichlorobenzene	114	100	70-130	13	25
1,4-Dichlorobenzene	114	99	70-130	14	25
cis-1,2-Dichloroethene	121	105	70-130	14	25
Dichlorodifluoromethane	88	76	70-130	15	50
1,2-Dibromoethane	104	100	70-130	4	25
1,3-Dichloropropane	103	96	70-130	7	25
1,1,1,2-Tetrachloroethane	119	104	70-130	13	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	109	96	70-130	13	25
Hexachlorobutadiene	108	93	70-130	15	25
1,2,4-Trichlorobenzene	108	95	70-130	13	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 10,16,18-20 Batch: WG255661-1 WG255661-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,1,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 10,16,18-20 Batch: WG255661-1 WG255661-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	66	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		103		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 15,17 Batch: WG255661-4 WG255661-5					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 15,17 Batch: WG255661-4 WG255661-5					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	68	60	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255663-1 WG255663-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,1,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255663-1 WG255663-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	66	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		103		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
Methylene chloride	101	98	70-130	3	25
1,1-Dichloroethane	93	92	70-130	1	25
Chloroform	93	92	70-130	1	25
Carbon tetrachloride	78	79	70-130	1	25
1,2-Dichloropropane	94	95	70-130	1	25
Dibromochloromethane	71	71	70-130	0	25
1,1,2-Trichloroethane	94	93	70-130	1	25
Tetrachloroethene	100	95	70-130	5	25
Chlorobenzene	96	93	70-130	3	25
Trichlorofluoromethane	115	112	70-130	3	25
1,2-Dichloroethane	97	97	70-130	0	25
1,1,1-Trichloroethane	82	82	70-130	0	25
Bromodichloromethane	76	81	70-130	6	25
trans-1,3-Dichloropropene	77	76	70-130	1	25
cis-1,3-Dichloropropene	81	84	70-130	4	25
1,1-Dichloropropene	97	95	70-130	2	25
Bromoform	71	72	70-130	1	50
1,1,1,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	98	96	70-130	2	25
Toluene	100	93	70-130	7	25
Ethylbenzene	102	96	70-130	6	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
Chloromethane	97	96	70-130	1	50
Bromomethane	80	86	70-130	7	50
Vinyl chloride	100	99	70-130	1	25
Chloroethane	102	99	70-130	3	25
1,1-Dichloroethene	93	90	70-130	3	25
trans-1,2-Dichloroethene	96	92	70-130	4	25
Trichloroethene	88	88	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	93	70-130	1	25
1,4-Dichlorobenzene	94	94	70-130	0	25
Methyl tert butyl ether	85	88	70-130	3	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	102	97	70-130	5	25
cis-1,2-Dichloroethene	97	99	70-130	2	25
Dibromomethane	95	98	70-130	3	25
1,2,3-Trichloropropane	98	100	70-130	2	25
Styrene	93	89	70-130	4	25
Dichlorodifluoromethane	121	118	70-130	3	50
Acetone	98	110	70-130	12	50
Carbon disulfide	72	70	70-130	3	25
2-Butanone	97	100	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
4-Methyl-2-pentanone	102	98	70-130	4	50
2-Hexanone	100	94	70-130	6	50
Bromochloromethane	98	95	70-130	3	25
Tetrahydrofuran	78	79	70-130	1	25
2,2-Dichloropropane	87	86	70-130	1	50
1,2-Dibromoethane	92	88	70-130	4	25
1,3-Dichloropropane	98	96	70-130	2	25
1,1,1,2-Tetrachloroethane	77	78	70-130	1	25
Bromobenzene	92	92	70-130	0	25
n-Butylbenzene	98	94	70-130	4	25
sec-Butylbenzene	101	97	70-130	4	25
tert-Butylbenzene	97	94	70-130	3	25
o-Chlorotoluene	102	99	70-130	3	25
p-Chlorotoluene	99	97	70-130	2	25
1,2-Dibromo-3-chloropropane	62	64	70-130	3	50
Hexachlorobutadiene	90	87	70-130	3	25
Isopropylbenzene	108	103	70-130	5	25
p-Isopropyltoluene	96	92	70-130	4	25
Naphthalene	88	91	70-130	3	25
n-Propylbenzene	98	97	70-130	1	25
1,2,3-Trichlorobenzene	89	92	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
1,2,4-Trichlorobenzene	83	82	70-130	1	25
1,3,5-Trimethylbenzene	98	95	70-130	3	25
1,2,4-Trimethylbenzene	101	100	70-130	1	25
Ethyl ether	97	97	70-130	0	25
Isopropyl Ether	93	95	70-130	2	25
Ethyl-Tert-Butyl-Ether	90	92	70-130	2	25
Tertiary-Amyl Methyl Ether	87	88	70-130	1	25
1,4-Dioxane	69	73	70-130	6	50

Surrogate	LCS %Recovery Qualifier	LCSD %Recovery Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101	105	70-130
Toluene-d8	102	98	70-130
4-Bromofluorobenzene	101	102	70-130
Dibromofluoromethane	95	97	70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01,05 Batch: WG255841-1 WG255841-2					
Methylene chloride	105	98	70-130	7	25
1,1-Dichloroethane	100	95	70-130	5	25
Chloroform	101	97	70-130	4	25
Carbon tetrachloride	86	82	70-130	5	25
1,2-Dichloropropane	101	95	70-130	6	25
Dibromochloromethane	77	75	70-130	3	25
1,1,2-Trichloroethane	97	95	70-130	2	25
Tetrachloroethene	108	96	70-130	12	25
Chlorobenzene	102	94	70-130	8	25
1,2-Dichloroethane	101	98	70-130	3	25
1,1,1-Trichloroethane	90	86	70-130	5	25
Bromodichloromethane	85	82	70-130	4	25
trans-1,3-Dichloropropene	83	83	70-130	0	25
cis-1,3-Dichloropropene	86	85	70-130	1	25
Bromoform	71	71	70-130	0	50
1,1,1,2-Tetrachloroethane	93	91	70-130	2	25
Chloromethane	96	86	70-130	11	50
Vinyl chloride	101	95	70-130	6	25
Chloroethane	109	100	70-130	9	25
1,1-Dichloroethene	96	90	70-130	6	25
trans-1,2-Dichloroethene	101	94	70-130	7	25

Lab Control Sample Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01,05 Batch: WG255841-1 WG255841-2					
Trichloroethene	97	91	70-130	6	25
1,2-Dichlorobenzene	96	91	70-130	5	25
1,3-Dichlorobenzene	98	92	70-130	6	25
1,4-Dichlorobenzene	98	92	70-130	6	25
cis-1,2-Dichloroethene	106	99	70-130	7	25
Dichlorodifluoromethane	122	109	70-130	11	50
1,2-Dibromoethane	96	94	70-130	2	25
1,3-Dichloropropane	102	97	70-130	5	25
1,1,1,2-Tetrachloroethane	83	82	70-130	1	25
o-Chlorotoluene	101	105	70-130	4	25
p-Chlorotoluene	102	96	70-130	6	25
Hexachlorobutadiene	94	84	70-130	11	25
1,2,4-Trichlorobenzene	84	82	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		99		70-130



Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255663-4 WG255663-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01										
Methylene chloride	ND	10	10	100	10	103	70-130	3	30	
1,1-Dichloroethane	ND	10	11	110	10	105	70-130	5	30	
Chloroform	ND	10	10	102	9.6	96	70-130	6	30	
Carbon tetrachloride	ND	10	12	124	11	114	70-130	8	30	
1,2-Dichloropropane	ND	10	10	106	10	102	70-130	4	30	
Dibromochloromethane	ND	10	11	110	11	108	70-130	2	30	
1,1,2-Trichloroethane	ND	10	11	108	11	108	70-130	0	30	
Tetrachloroethene	0.87	10	12	111	12	106	70-130	5	30	
Chlorobenzene	ND	10	11	111	11	109	70-130	2	30	
1,2-Dichloroethane	ND	10	12	117	11	113	70-130	3	30	
1,1,1-Trichloroethane	0.59	10	12	118	12	111	70-130	6	30	
Bromodichloromethane	ND	10	11	108	10	103	70-130	5	30	
trans-1,3-Dichloropropene	ND	10	9.7	97	9.7	97	70-130	0	30	
cis-1,3-Dichloropropene	ND	10	9.7	97	9.3	93	70-130	4	30	
Bromoform	ND	10	11	114	11	112	70-130	2	30	
1,1,2,2-Tetrachloroethane	ND	10	10	105	10	104	70-130	1	30	
Chloromethane	ND	10	8.4	84	8.5	85	70-130	1	30	
Vinyl chloride	ND	10	10	103	10	100	70-130	3	30	
Chloroethane	ND	10	12	116	11	109	70-130	6	30	
1,1-Dichloroethene	ND	10	10	105	10	100	70-130	5	30	
trans-1,2-Dichloroethene	ND	10	11	110	10	102	70-130	8	30	

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery Limits	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery				
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255663-4 WG255663-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01										
Trichloroethene	1.6	10	12	109	12	102	70-130	7	30	
1,2-Dichlorobenzene	ND	10	11	113	11	110	70-130	3	30	
1,3-Dichlorobenzene	ND	10	11	111	11	108	70-130	3	30	
1,4-Dichlorobenzene	ND	10	11	111	11	107	70-130	4	30	
cis-1,2-Dichloroethene	ND	10	12	117	11	109	70-130	7	30	
Dichlorodifluoromethane	ND	10	7.0	70	6.7	67	70-130	4	30	
1,2-Dibromoethane	ND	10	11	112	11	111	70-130	1	30	
1,3-Dichloropropane	ND	10	11	110	11	109	70-130	1	30	
1,1,1,2-Tetrachloroethane	ND	10	12	117	12	115	70-130	2	30	
o-Chlorotoluene	ND	10	10	100	9.6	96	70-130	4	30	
p-Chlorotoluene	ND	10	11	107	10	102	70-130	5	30	
Hexachlorobutadiene	ND	10	10	102	10	100	70-130	2	30	
1,2,4-Trichlorobenzene	ND	10	10	104	10	103	70-130	1	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	110		107		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		104		70-130
Toluene-d8	95		98		70-130



METALS



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-02
 Client ID: IP-16S-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	310		mg/l	20	10	09/29/06 17:20	10/05/06 14:57	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-03
 Client ID: MW-405S-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 16:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	350		mg/l	20	10	09/29/06 17:20	10/05/06 15:00	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-04
 Client ID: IP-17D-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 15:10
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	280		mg/l	10	5	09/29/06 17:20	10/05/06 16:19	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-05
 Client ID: MW-212M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 11:25
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	470		mg/l	10	5	09/29/06 17:20	10/05/06 16:22	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-06
 Client ID: MW-209-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 11:05
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	60		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:11	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-07
 Client ID: MW-106-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 10:36
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	130		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:22	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-08
 Client ID: MW-106M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 09:08
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	260		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:25	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-09
 Client ID: MW-404-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 12:24
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	440		mg/l	20	10	09/29/06 17:20	10/05/06 15:28	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-10

Date Collected: 09/27/06 00:00

Client ID: DUP-007-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	440		mg/l	20	10	09/29/06 17:20	10/05/06 15:31	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-11

Date Collected: 09/27/06 11:00

Client ID: MW-203D-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	67		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:34	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-12
 Client ID: MW-203M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 08:50
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	140		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:41	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-15
 Client ID: MW-115-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 13:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	58		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:37	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-16
 Client ID: MW-113-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 16:00
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	34		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:40	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-17
 Client ID: MW-111-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 15:30
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:43	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-18
 Client ID: MW-107-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 12:20
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:46	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-19

Date Collected: 09/27/06 13:40

Client ID: MW-109-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	16		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:49	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-20
 Client ID: MW-47M-20060927-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 09/27/06 09:30
 Date Received: 09/28/06
 Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	20		mg/l	2.0	1	09/29/06 17:20	10/05/06 16:00	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON**Lab Number:** L0613886**Project Number:** 42925**Report Date:** 10/05/06**SAMPLE RESULTS**

Lab ID: L0613886-21

Date Collected: 09/27/06 11:00

Client ID: MW-47D-20060927-01

Date Received: 09/28/06

Sample Location: WAYLAND, MA

Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	99		mg/l	2.0	1	09/29/06 17:20	10/05/06 16:03	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 02-12,15-21 Batch: WG255273-1								
Sodium, Dissolved	ND	mg/l	2.0	1	09/29/06 17:20	10/05/06 14:44	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 02-12,15-21 Batch: WG255273-2 WG255273-3					
Sodium, Dissolved	96	95	80-120	1	20

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS		MSD		Recovery	RPD	RPD Limits
				%Recovery	MSD Found	%Recovery	Limits			
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 02-12,15-21 QC Batch ID: WG255273-4 WG255273-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01										
Sodium, Dissolved	140	10	150	100	150	100	75-125	0	20	

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613886-01A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-03A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-03B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-03C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-04A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-04B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-04C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-05A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-05B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-05C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-06A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-06B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-06C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-07A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-07B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-07C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-08A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-08B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-08C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-09A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-09B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-09C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-10A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-10B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-10C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-11A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-11B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON

Lab Number: L0613886

Project Number: 42925

Report Date: 10/05/06

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613886-11C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12D	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12E	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12F	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12G	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12H	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12I	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-15A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-15B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-15C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-16A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-16B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-16C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-17A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-17B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-17C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-18A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-18B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-18C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-19A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-19B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-19C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-20A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-20B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-20C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-21A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-21B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-21C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

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.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

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

Report Format: Not Specified



Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

REFERENCES

- 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.



10050620:15



WESTBORO, MA RAYNHAM, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

Project Information

Project Name: Raytheon
Project Location: Weyland, MA
Project #: 42925
Project Manager: Jeremy Picard
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM
Address: 399 Boylston St 6th floor
Boston, MA 02116
Phone: 617-646-7800
Fax: 617-267-6447
Email: jeremy.picard@erm.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/31/06 Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria
MA / MCP

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:

PRESERVATIVE "O" = SODIUM THIOSULFATE

ANALYSIS
8021c by 8760
8021c by 8760
DISPOSABLE NA

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments		TOTAL # BOTTLES
3886-01	TB-003-20060927-01	9/25/06	11:15	GW	ZP	1		1
-02	IP-16S-20060927-01	9/27/06	15:10	GW	TD	2	1	3
-03	MW-405S-20060927-01	9/27/06	16:05	GW	JDF	2	1	3
-04	IP-17D-20060927-01	9/27/06	15:10	GW	JDF	2	1	3
-05	MW-212M-20060927-01	9/27/06	11:25	GW	TD	2	1	3
-06	MW-209-20060927-01	9/27/06	11:05	GW	ESM	2	1	3
-07	MW-106-20060927-01	9/27/06	10:36	GW	JDF	2	1	3
-08	MW-106M-20060927-01	9/27/06	9:08	GW	JDF	2	1	3
-09	MW-404-20060927-01	9/27/06	12:24	GW	JDF	2	1	3
-10	DUP-007-20060927-01	9/27/06	24:00	GW	JDF	2	1	3

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type	V	V	P
Preservative	B	O	C

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.

Relinquished By: *Paul Gilbert* Date/Time: 9/25/06 11:35
 Received By: *Paul Gilbert* Date/Time: 9/28/06 11:35
T. Flanagan 9/28/06 12:10

10050620:15



WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

CHAIN OF CUSTODY PAGE 2 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

Project Information

Project Name: **RAYTHEON**
 Project Location: **WAYLAND**
 Project #: **42925**
 Project Manager: **JEREMY PICARD**
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: **ERM - BOSTON**
 Address: **399 BOYLSTON ST 6TH FLOOR**
BOSTON, MA 02116
 Phone: **(617) 646-7800**
 Fax: **(617) 267-6447**
 Email: **jeremy.picard@erm.com**

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: **10/5/06** Time:

Other Project Specific Requirements/Comments/Detection Limits:
PRESERVATIVE "0" = SODIUM THIOSULFATE

Regulatory Requirements/Report Limits

State /Fed Program Criteria
MCP METHOD 1 / GW 1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

TOTAL # BOTTLES

ANALYSIS
 8021c by 8216
 Dissolved Na
 8021c by 8216

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials									
		Date	Time											
3886-11	MW-203D-20060927-01	9/27/06	11:00	GW	HEA	2	1							3
-12	MW-203M-20060927-01	9/27/06	8:50	GW	HEA	2	1							3
73	MW-203M-20060927-01-MS	9/27/06	8:50	GW	HEA	2	1							3
-14	MW-203M-20060927-01-MSD	9/27/06	8:50	GW	HEA	2	1							3
-15	MW-115-20060927-01	9/27/06	13:00	GW	HEA	2	1							3
-16	MW-113-20060927-01	9/27/06	16:00	GW	HEA	2	1							3
-17	MW-111-20060927-01	9/27/06	15:30	GW	BM	2	1							3
-18	MW-107-20060927-01	9/27/06	12:20	GW	BM	1	2							3
-19	MW-109-20060927-01	9/27/06	13:40	GW	BM	2	1							3
-20	MW-47M-20060927-01	9/27/06	9:30	GW	BM	2	1							3

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
 MA MCP or CT RCP?

Container Type	V	P	V
Preservative	B	C	0

Relinquished By: *Paul Gilbert* Date/Time: 9/23/06 11:35
 Received By: *Paul Gilbert* Date/Time: 9-28-06 11:35
T Flaherty 9-28-06 12:10

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

10050620:15



CHAIN OF CUSTODY

PAGE 3 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

WESTBORO, MA RAYNHAM, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: RAYTHEON
 Project Location: WAYLAND
 Project #: 42925
 Project Manager: JEREMY PICARD
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: ERM - BOSTON
 Address: 399 BOSTON ST 6TH FLOOR
BOSTON, MA 02116
 Phone: (617) 646-7300
 Fax: (617) 267-6447
 Email: jeremy.picard@erm.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/5/06 Time:

Regulatory Requirements/Report Limits

State /Fed Program: MCP Criteria: METHOD 1/GW 1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:
PRESERVATIVE "O" = SODIUM THIOSULFATE

ANALYSIS

8021c by 8260

DISSOLVED NA

SAMPLE HANDLING

Filtration

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

3

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	TOTAL # BOTTLES
		Date	Time				
<u>3886-21</u>	<u>MW-47D-20060927-01</u>	<u>9/27/06</u>	<u>11:00</u>	<u>GW</u>	<u>BM</u>	<u>2 1</u>	<u>3</u>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 5px;"> <p>PLEASE ANSWER QUESTIONS ABOVE!</p> <p>IS YOUR PROJECT MA MCP or CT RCP?</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Container Type <u>V P</u></p> <p>Preservative <u>O C</u></p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>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.</p> </div> </div>							

Relinquished By: [Signature] Date/Time: 9/23/06 11:35
 Received By: Paul Gilbert Date/Time: 9/28/06 11:55
9-28-06 1810 IFL 9/28/06 1210