

FILE COPY

Environmental
Resources
Management

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

11 November 2008
Reference: 0079387

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 (MCP).

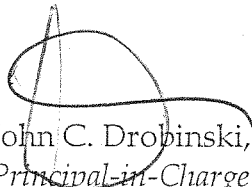
ERM collected groundwater samples from 65 wells on portions of the Site within the boundaries of your property between 20 October and 23 October 2008. One group of samples (49 in total), was submitted for field analysis of permanganate concentration by colorimetry. A second group of samples (65 in total) was submitted for laboratory analysis of volatile organic compounds. A third group of samples (31 in total) were submitted for laboratory analysis of dissolved sodium. A fourth group of samples (22 in total) was submitted for laboratory analysis of dissolved potassium. Sample analysis was conducted by Alpha Woods Hole Laboratories of Westborough, Massachusetts. This analytical data will be provided to the Massachusetts Department of Environmental Protection in the next required MCP submittal.

Raytheon has implemented the Public Involvement Process in accordance with MCP 310 CMR 40.1405. Documents pertaining to the Site can be found at the Board of Health, the Wayland Public Library Public Involvement Plan files, or at www.ermne.com (username = raytheon, password = wayland).

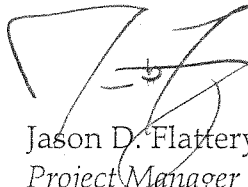
Ms. Phillips
Reference: 0079387
11 November 2008
Page 2

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



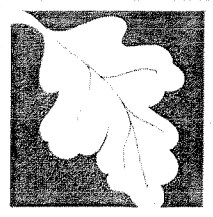
Jason D. Flattery
Project Manager

enclosures: BWSC-123 - Notice of Environmental Sampling
Laboratory Analytical Reports

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

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:

- | | |
|---|---|
| <input type="checkbox"/> Immediate Response Action | <input type="checkbox"/> Phase III Feasibility Evaluation |
| <input type="checkbox"/> Release Abatement Measure | <input type="checkbox"/> Phase IV Remedy Implementation Plan |
| <input type="checkbox"/> Utility-related Abatement Measure | <input checked="" type="checkbox"/> Phase V/Remedy Operation Status |
| <input type="checkbox"/> Phase I Initial Site Investigation | <input type="checkbox"/> Post-Class C Operation, Maintenance and Monitoring |
| <input type="checkbox"/> Phase II Comprehensive Site Assessment | <input type="checkbox"/> 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:	L0815550
Client:	ERM Consulting & Engineering, Inc. 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Bahaar Massihzadegan
Project Name:	RAYTHEON-WAYLAND
Project Number:	0079387
Report Date:	10/27/08

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), 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: 0079387

Lab Number: L0815550
Report Date: 10/27/08

Alpha Sample ID	Client ID	Sample Location
L0815550-01	IW-2-20081020-01	WAYLAND, MA
L0815550-02	DUP-001-20081020-01	WAYLAND, MA
L0815550-03	IW-5-20081021-01	WAYLAND, MA
L0815550-04	IW-8-20081021-01	WAYLAND, MA
L0815550-05	MW-560-20081021-01	WAYLAND, MA
L0815550-06	MW-268D-20081020-01	WAYLAND, MA
L0815550-07	MW-267S-20081020-01	WAYLAND, MA
L0815550-08	MW-268M-20081020-01	WAYLAND, MA
L0815550-09	MW-265M-20081020-01	WAYLAND, MA
L0815550-10	MW-266MB-20081020-01	WAYLAND, MA
L0815550-11	MW-266MA-20081020-01	WAYLAND, MA
L0815550-12	MW-267M-20081021-01	WAYLAND, MA
L0815550-13	DUP-003-20081021-01	WAYLAND, MA
L0815550-14	MW-553-20081020-01	WAYLAND, MA
L0815550-15	MW-552-20081020-01	WAYLAND, MA
L0815550-16	MW-261S-20081020-01	WAYLAND, MA
L0815550-17	MW-551-20081021-01	WAYLAND, MA
L0815550-18	DUP-002-20081021-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

MADEP MCP Response Action Analytical Report Certification

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

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

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



Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

MCP Related Narratives

Volatile Organics

L0815550-01, -02, -07 through -10, and -12 through -16 have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples.

In reference to question E:

The WG341174-1/-2 LCS/LCSD recoveries associated with L0815550-01, -02, and -03 are above the acceptance criteria for Dichlorodifluoromethane (135%/132%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for this compound.

The WG341174-7/-8 MS/MSD recoveries associated with L0815550-01 were below the acceptance criteria for Vinyl chloride (61%/58%); however, the associated LCS/LCSD recoveries were within criteria. The results of the

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

Case Narrative (continued)

sample utilized for the MS/MSD are considered to have a potentially low bias for this compound.

In reference to question F:

All samples were analyzed for a subset of MCP compounds per the Chain of Custody.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 10/27/08

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-01
 Client ID: IW-2-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 19:57
 Analyst: PD

Date Collected: 10/20/08 14:50
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	62	12.5
1,1-Dichloroethane	ND		ug/l	9.4	12.5
Chloroform	ND		ug/l	9.4	12.5
Carbon tetrachloride	ND		ug/l	6.2	12.5
1,2-Dichloropropane	ND		ug/l	22	12.5
Dibromochloromethane	ND		ug/l	6.2	12.5
1,1,2-Trichloroethane	ND		ug/l	9.4	12.5
Tetrachloroethene	ND		ug/l	6.2	12.5
Chlorobenzene	ND		ug/l	6.2	12.5
1,2-Dichloroethane	ND		ug/l	6.2	12.5
1,1,1-Trichloroethane	ND		ug/l	6.2	12.5
Bromodichloromethane	ND		ug/l	6.2	12.5
trans-1,3-Dichloropropene	ND		ug/l	6.2	12.5
cis-1,3-Dichloropropene	ND		ug/l	6.2	12.5
Bromoform	ND		ug/l	25	12.5
1,1,2,2-Tetrachloroethane	ND		ug/l	6.2	12.5
Chloromethane	ND		ug/l	31	12.5
Vinyl chloride	130		ug/l	12	12.5
Chloroethane	ND		ug/l	12	12.5
1,1-Dichloroethene	ND		ug/l	6.2	12.5
trans-1,2-Dichloroethene	ND		ug/l	9.4	12.5
Trichloroethene	39		ug/l	6.2	12.5
1,2-Dichlorobenzene	ND		ug/l	31	12.5
1,3-Dichlorobenzene	ND		ug/l	31	12.5
1,4-Dichlorobenzene	ND		ug/l	31	12.5
cis-1,2-Dichloroethene	480		ug/l	6.2	12.5
Dichlorodifluoromethane	ND		ug/l	62	12.5
1,2-Dibromoethane	ND		ug/l	25	12.5
1,3-Dichloropropane	ND		ug/l	31	12.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	12.5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-01

Date Collected: 10/20/08 14:50

Client ID: IW-2-20081020-01

Date Received: 10/21/08

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	31	12.5
p-Chlorotoluene	ND		ug/l	31	12.5
Hexachlorobutadiene	ND		ug/l	7.5	12.5
1,2,4-Trichlorobenzene	ND		ug/l	31	12.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-02
 Client ID: DUP-001-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 20:30
 Analyst: PD

Date Collected: 10/20/08 11:11
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	62	12.5
1,1-Dichloroethane	ND		ug/l	9.4	12.5
Chloroform	ND		ug/l	9.4	12.5
Carbon tetrachloride	ND		ug/l	6.2	12.5
1,2-Dichloropropane	ND		ug/l	22	12.5
Dibromochloromethane	ND		ug/l	6.2	12.5
1,1,2-Trichloroethane	ND		ug/l	9.4	12.5
Tetrachloroethene	6.8		ug/l	6.2	12.5
Chlorobenzene	ND		ug/l	6.2	12.5
1,2-Dichloroethane	ND		ug/l	6.2	12.5
1,1,1-Trichloroethane	ND		ug/l	6.2	12.5
Bromodichloromethane	ND		ug/l	6.2	12.5
trans-1,3-Dichloropropene	ND		ug/l	6.2	12.5
cis-1,3-Dichloropropene	ND		ug/l	6.2	12.5
Bromoform	ND		ug/l	25	12.5
1,1,2,2-Tetrachloroethane	ND		ug/l	6.2	12.5
Chloromethane	ND		ug/l	31	12.5
Vinyl chloride	130		ug/l	12	12.5
Chloroethane	ND		ug/l	12	12.5
1,1-Dichloroethene	ND		ug/l	6.2	12.5
trans-1,2-Dichloroethene	ND		ug/l	9.4	12.5
Trichloroethene	42		ug/l	6.2	12.5
1,2-Dichlorobenzene	ND		ug/l	31	12.5
1,3-Dichlorobenzene	ND		ug/l	31	12.5
1,4-Dichlorobenzene	ND		ug/l	31	12.5
cis-1,2-Dichloroethene	490		ug/l	6.2	12.5
Dichlorodifluoromethane	ND		ug/l	62	12.5
1,2-Dibromoethane	ND		ug/l	25	12.5
1,3-Dichloropropane	ND		ug/l	31	12.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	12.5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-02
 Client ID: DUP-001-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 11:11
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	31	12.5
p-Chlorotoluene	ND		ug/l	31	12.5
Hexachlorobutadiene	ND		ug/l	7.5	12.5
1,2,4-Trichlorobenzene	ND		ug/l	31	12.5

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

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-03
 Client ID: IW-5-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 21:04
 Analyst: PD

Date Collected: 10/21/08 08:35
 Date Received: 10/21/08
 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	1.0		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	32		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	15		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-03
 Client ID: IW-5-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 08:35
 Date Received: 10/21/08
 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	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-04
 Client ID: IW-8-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 13:03
 Analyst: GK

Date Collected: 10/21/08 09:55
 Date Received: 10/21/08
 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	1.6		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	0.57		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-04

Date Collected: 10/21/08 09:55

Client ID: IW-8-20081021-01

Date Received: 10/21/08

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	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-05
 Client ID: MW-560-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 13:36
 Analyst: GK

Date Collected: 10/21/08 12:30
 Date Received: 10/21/08
 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	0.75		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	5.1		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	12		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	4.4		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-05
 Client ID: MW-560-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 12:30
 Date Received: 10/21/08
 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	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-06
 Client ID: MW-268D-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 14:09
 Analyst: GK

Date Collected: 10/20/08 12:15
 Date Received: 10/21/08
 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	5.8		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	6.3		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-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-06
 Client ID: MW-268D-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 12:15
 Date Received: 10/21/08
 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	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-07
 Client ID: MW-267S-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 14:42
 Analyst: GK

Date Collected: 10/20/08 14:25
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	62	12.5
1,1-Dichloroethane	ND		ug/l	9.4	12.5
Chloroform	ND		ug/l	9.4	12.5
Carbon tetrachloride	ND		ug/l	6.2	12.5
1,2-Dichloropropane	ND		ug/l	22	12.5
Dibromochloromethane	ND		ug/l	6.2	12.5
1,1,2-Trichloroethane	ND		ug/l	9.4	12.5
Tetrachloroethene	10		ug/l	6.2	12.5
Chlorobenzene	ND		ug/l	6.2	12.5
1,2-Dichloroethane	ND		ug/l	6.2	12.5
1,1,1-Trichloroethane	ND		ug/l	6.2	12.5
Bromodichloromethane	ND		ug/l	6.2	12.5
trans-1,3-Dichloropropene	ND		ug/l	6.2	12.5
cis-1,3-Dichloropropene	ND		ug/l	6.2	12.5
Bromoform	ND		ug/l	25	12.5
1,1,2,2-Tetrachloroethane	ND		ug/l	6.2	12.5
Chloromethane	ND		ug/l	31	12.5
Vinyl chloride	ND		ug/l	12	12.5
Chloroethane	ND		ug/l	12	12.5
1,1-Dichloroethene	ND		ug/l	6.2	12.5
trans-1,2-Dichloroethene	ND		ug/l	9.4	12.5
Trichloroethene	430		ug/l	6.2	12.5
1,2-Dichlorobenzene	ND		ug/l	31	12.5
1,3-Dichlorobenzene	ND		ug/l	31	12.5
1,4-Dichlorobenzene	ND		ug/l	31	12.5
cis-1,2-Dichloroethene	67		ug/l	6.2	12.5
Dichlorodifluoromethane	ND		ug/l	62	12.5
1,2-Dibromoethane	ND		ug/l	25	12.5
1,3-Dichloropropane	ND		ug/l	31	12.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	12.5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-07
 Client ID: MW-267S-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 14:25
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	31	12.5
p-Chlorotoluene	ND		ug/l	31	12.5
Hexachlorobutadiene	ND		ug/l	7.5	12.5
1,2,4-Trichlorobenzene	ND		ug/l	31	12.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-08
 Client ID: MW-268M-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 15:15
 Analyst: GK

Date Collected: 10/20/08 13:10
 Date Received: 10/21/08
 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	ND		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	1500		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	2600		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-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-08

Date Collected: 10/20/08 13:10

Client ID: MW-268M-20081020-01

Date Received: 10/21/08

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	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	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-09
 Client ID: MW-265M-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 15:49
 Analyst: GK

Date Collected: 10/20/08 12:00
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	62	12.5
1,1-Dichloroethane	ND		ug/l	9.4	12.5
Chloroform	ND		ug/l	9.4	12.5
Carbon tetrachloride	ND		ug/l	6.2	12.5
1,2-Dichloropropane	ND		ug/l	22	12.5
Dibromochloromethane	ND		ug/l	6.2	12.5
1,1,2-Trichloroethane	ND		ug/l	9.4	12.5
Tetrachloroethene	41		ug/l	6.2	12.5
Chlorobenzene	ND		ug/l	6.2	12.5
1,2-Dichloroethane	ND		ug/l	6.2	12.5
1,1,1-Trichloroethane	ND		ug/l	6.2	12.5
Bromodichloromethane	ND		ug/l	6.2	12.5
trans-1,3-Dichloropropene	ND		ug/l	6.2	12.5
cis-1,3-Dichloropropene	ND		ug/l	6.2	12.5
Bromoform	ND		ug/l	25	12.5
1,1,2,2-Tetrachloroethane	ND		ug/l	6.2	12.5
Chloromethane	ND		ug/l	31	12.5
Vinyl chloride	32		ug/l	12	12.5
Chloroethane	ND		ug/l	12	12.5
1,1-Dichloroethene	ND		ug/l	6.2	12.5
trans-1,2-Dichloroethene	ND		ug/l	9.4	12.5
Trichloroethene	440		ug/l	6.2	12.5
1,2-Dichlorobenzene	ND		ug/l	31	12.5
1,3-Dichlorobenzene	ND		ug/l	31	12.5
1,4-Dichlorobenzene	ND		ug/l	31	12.5
cis-1,2-Dichloroethene	290		ug/l	6.2	12.5
Dichlorodifluoromethane	ND		ug/l	62	12.5
1,2-Dibromoethane	ND		ug/l	25	12.5
1,3-Dichloropropane	ND		ug/l	31	12.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	12.5

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-09
 Client ID: MW-265M-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 12:00
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	31	12.5
p-Chlorotoluene	ND		ug/l	31	12.5
Hexachlorobutadiene	ND		ug/l	7.5	12.5
1,2,4-Trichlorobenzene	ND		ug/l	31	12.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-10
 Client ID: MW-266MB-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 16:22
 Analyst: GK

Date Collected: 10/20/08 14:05
 Date Received: 10/21/08
 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	26		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	38		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	130		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	310		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-10
 Client ID: MW-266MB-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 14:05
 Date Received: 10/21/08
 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	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-11
 Client ID: MW-266MA-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 16:55
 Analyst: GK

Date Collected: 10/20/08 14:50
 Date Received: 10/21/08
 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	1.2		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	22		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	8.2		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-11
 Client ID: MW-266MA-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 14:50
 Date Received: 10/21/08
 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	106		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-12
 Client ID: MW-267M-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 17:28
 Analyst: GK

Date Collected: 10/21/08 08:05
 Date Received: 10/21/08
 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	36		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	24		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	620		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	570		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-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-12

Date Collected: 10/21/08 08:05

Client ID: MW-267M-20081021-01

Date Received: 10/21/08

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	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	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-13
 Client ID: DUP-003-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 18:01
 Analyst: GK

Date Collected: 10/21/08 07:00
 Date Received: 10/21/08
 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	36		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	24		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	600		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	540		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-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-13
 Client ID: DUP-003-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 07:00
 Date Received: 10/21/08
 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	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-14
 Client ID: MW-553-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 18:34
 Analyst: GK

Date Collected: 10/20/08 12:40
 Date Received: 10/21/08
 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	30		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	320		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	49		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-14
 Client ID: MW-553-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 12:40
 Date Received: 10/21/08
 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	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-15
 Client ID: MW-552-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 19:08
 Analyst: GK

Date Collected: 10/20/08 13:35
 Date Received: 10/21/08
 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	320		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	5400		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	400		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-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-15
 Client ID: MW-552-20081020-01
 Sample Location: WAYLAND, MA

Date Collected: 10/20/08 13:35
 Date Received: 10/21/08
 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	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-16
 Client ID: MW-261S-20081020-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 19:41
 Analyst: GK

Date Collected: 10/20/08 14:20
 Date Received: 10/21/08
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	250	50
1,1-Dichloroethane	ND		ug/l	38	50
Chloroform	ND		ug/l	38	50
Carbon tetrachloride	ND		ug/l	25	50
1,2-Dichloropropane	ND		ug/l	88	50
Dibromochloromethane	ND		ug/l	25	50
1,1,2-Trichloroethane	ND		ug/l	38	50
Tetrachloroethene	54		ug/l	25	50
Chlorobenzene	ND		ug/l	25	50
1,2-Dichloroethane	ND		ug/l	25	50
1,1,1-Trichloroethane	ND		ug/l	25	50
Bromodichloromethane	ND		ug/l	25	50
trans-1,3-Dichloropropene	ND		ug/l	25	50
cis-1,3-Dichloropropene	ND		ug/l	25	50
Bromoform	ND		ug/l	100	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	50
Chloromethane	ND		ug/l	120	50
Vinyl chloride	ND		ug/l	50	50
Chloroethane	ND		ug/l	50	50
1,1-Dichloroethene	ND		ug/l	25	50
trans-1,2-Dichloroethene	ND		ug/l	38	50
Trichloroethene	2200		ug/l	25	50
1,2-Dichlorobenzene	ND		ug/l	120	50
1,3-Dichlorobenzene	ND		ug/l	120	50
1,4-Dichlorobenzene	ND		ug/l	120	50
cis-1,2-Dichloroethene	67		ug/l	25	50
Dichlorodifluoromethane	ND		ug/l	250	50
1,2-Dibromoethane	ND		ug/l	100	50
1,3-Dichloropropane	ND		ug/l	120	50
1,1,1,2-Tetrachloroethane	ND		ug/l	25	50

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-16

Date Collected: 10/20/08 14:20

Client ID: MW-261S-20081020-01

Date Received: 10/21/08

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	120	50
p-Chlorotoluene	ND		ug/l	120	50
Hexachlorobutadiene	ND		ug/l	30	50
1,2,4-Trichlorobenzene	ND		ug/l	120	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-17
 Client ID: MW-551-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 20:14
 Analyst: GK

Date Collected: 10/21/08 09:00
 Date Received: 10/21/08
 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	27		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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-17

Date Collected: 10/21/08 09:00

Client ID: MW-551-20081021-01

Date Received: 10/21/08

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	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815550-18
 Client ID: DUP-002-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 20:47
 Analyst: GK

Date Collected: 10/21/08 00:00
 Date Received: 10/21/08
 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	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:** L0815550**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815550-18
 Client ID: DUP-002-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 00:00
 Date Received: 10/21/08
 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	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/23/08 12:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-03 Batch: WG341174-3				

Parameter	Result	Qualifier	Units	RDL
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: L0815550

Project Number: 0079387

Report Date: 10/27/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
 Analytical Date: 10/23/08 12:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-03 Batch: WG341174-3				

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	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/23/08 12:29
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 04-18 Batch: WG341177-3				

Parameter	Result	Qualifier	Units	RDL
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: 0079387

Lab Number: L0815550
Report Date: 10/27/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/23/08 12:29
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 04-18 Batch: WG341177-3				

Parameter	Result	Qualifier	Units	RDL
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: 0079387

Lab Number: L0815550
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/23/08 12:29
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 04-18 Batch: WG341177-3				

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	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-03 Batch: WG341174-1 WG341174-2					
Methylene chloride	99	96	70-130	3	25
1,1-Dichloroethane	90	88	70-130	2	25
Chloroform	99	100	70-130	1	25
Carbon tetrachloride	81	82	70-130	1	25
1,2-Dichloropropane	86	88	70-130	2	25
Dibromochloromethane	89	89	70-130	0	25
1,1,2-Trichloroethane	88	90	70-130	2	25
Tetrachloroethene	92	90	70-130	2	25
Chlorobenzene	91	91	70-130	0	25
1,2-Dichloroethane	96	99	70-130	3	25
1,1,1-Trichloroethane	87	89	70-130	2	25
Bromodichloromethane	90	92	70-130	2	25
trans-1,3-Dichloropropene	82	83	70-130	1	25
cis-1,3-Dichloropropene	85	88	70-130	3	25
Bromoform	84	86	70-130	2	50
1,1,2,2-Tetrachloroethane	84	85	70-130	1	25
Chloromethane	91	87	70-130	4	50
Vinyl chloride	97	93	70-130	4	25
Chloroethane	89	88	70-130	1	25
1,1-Dichloroethene	97	92	70-130	5	25
trans-1,2-Dichloroethene	91	91	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-03 Batch: WG341174-1 WG341174-2					
Trichloroethene	92	92	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	96	70-130	2	25
1,4-Dichlorobenzene	93	94	70-130	1	25
cis-1,2-Dichloroethene	88	87	70-130	1	25
Dichlorodifluoromethane	135	132	70-130	2	50
1,2-Dibromoethane	93	91	70-130	2	25
1,3-Dichloropropane	89	89	70-130	0	25
1,1,1,2-Tetrachloroethane	90	90	70-130	0	25
o-Chlorotoluene	83	84	70-130	1	25
p-Chlorotoluene	85	86	70-130	1	25
Hexachlorobutadiene	84	94	70-130	11	25
1,2,4-Trichlorobenzene	87	92	70-130	6	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	110		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-18 Batch: WG341177-1 WG341177-2					
Methylene chloride	72	83	70-130	14	25
1,1-Dichloroethane	85	96	70-130	12	25
Chloroform	81	93	70-130	14	25
Carbon tetrachloride	81	90	70-130	11	25
1,2-Dichloropropane	82	94	70-130	14	25
Dibromochloromethane	80	94	70-130	16	25
1,1,2-Trichloroethane	84	96	70-130	13	25
Tetrachloroethene	93	101	70-130	8	25
Chlorobenzene	87	98	70-130	12	25
Trichlorofluoromethane	120	130	70-130	8	25
1,2-Dichloroethane	91	103	70-130	12	25
1,1,1-Trichloroethane	87	97	70-130	11	25
Bromodichloromethane	84	96	70-130	13	25
trans-1,3-Dichloropropene	79	87	70-130	10	25
cis-1,3-Dichloropropene	80	93	70-130	15	25
1,1-Dichloropropene	84	92	70-130	9	25
Bromoform	76	87	70-130	13	50
1,1,2,2-Tetrachloroethane	80	91	70-130	13	25
Benzene	83	93	70-130	11	25
Toluene	83	94	70-130	12	25
Ethylbenzene	85	98	70-130	14	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-18 Batch: WG341177-1 WG341177-2					
Chloromethane	90	102	70-130	13	50
Bromomethane	58	85	70-130	38	50
Vinyl chloride	89	98	70-130	10	25
Chloroethane	85	91	70-130	7	25
1,1-Dichloroethene	90	101	70-130	12	25
trans-1,2-Dichloroethene	88	99	70-130	12	25
Trichloroethene	89	101	70-130	13	25
1,2-Dichlorobenzene	85	94	70-130	10	25
1,3-Dichlorobenzene	87	100	70-130	14	25
1,4-Dichlorobenzene	85	97	70-130	13	25
Methyl tert butyl ether	92	103	70-130	11	25
p/m-Xylene	88	102	70-130	15	25
o-Xylene	88	100	70-130	13	25
cis-1,2-Dichloroethene	83	93	70-130	11	25
Dibromomethane	94	104	70-130	10	25
1,2,3-Trichloropropane	90	103	70-130	13	25
Styrene	87	100	70-130	14	25
Dichlorodifluoromethane	111	118	70-130	6	50
Acetone	101	126	70-130	22	50
Carbon disulfide	85	93	70-130	9	50
2-Butanone	92	105	70-130	13	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-18 Batch: WG341177-1 WG341177-2					
4-Methyl-2-pentanone	90	100	70-130	11	50
2-Hexanone	77	91	70-130	17	50
Bromochloromethane	97	110	70-130	13	25
Tetrahydrofuran	88	101	70-130	14	25
2,2-Dichloropropane	85	93	70-130	9	50
1,2-Dibromoethane	86	98	70-130	13	25
1,3-Dichloropropane	83	94	70-130	12	25
1,1,1,2-Tetrachloroethane	83	97	70-130	16	25
Bromobenzene	89	98	70-130	10	25
n-Butylbenzene	75	85	70-130	13	25
sec-Butylbenzene	80	91	70-130	13	25
tert-Butylbenzene	83	93	70-130	11	25
o-Chlorotoluene	79	88	70-130	11	25
p-Chlorotoluene	80	90	70-130	12	25
1,2-Dibromo-3-chloropropane	75	87	70-130	15	50
Hexachlorobutadiene	83	92	70-130	10	25
Isopropylbenzene	87	99	70-130	13	25
p-Isopropyltoluene	84	96	70-130	13	25
Naphthalene	71	84	70-130	17	25
n-Propylbenzene	80	90	70-130	12	25
1,2,3-Trichlorobenzene	84	96	70-130	13	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 04-18 Batch: WG341177-1 WG341177-2					
1,2,4-Trichlorobenzene	82	95	70-130	15	25
1,3,5-Trimethylbenzene	82	92	70-130	11	25
1,2,4-Trimethylbenzene	80	92	70-130	14	25
Ethyl ether	92	101	70-130	9	25
Isopropyl Ether	79	89	70-130	12	25
Ethyl-Tert-Butyl-Ether	84	94	70-130	11	25
Tertiary-Amyl Methyl Ether	78	91	70-130	15	25
1,4-Dioxane	91	101	70-130	10	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	107		110		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

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): 01-03 QC Batch ID: WG341174-7 WG341174-8 QC Sample: L0815550-01 Client ID: IW-2-20081020-01										
Methylene chloride	ND	125	110	89	110	91	70-130	2	30	
1,1-Dichloroethane	ND	125	110	92	120	93	70-130	1	30	
Chloroform	ND	125	130	108	130	108	70-130	0	30	
Carbon tetrachloride	ND	125	94	75	99	79	70-130	5	30	
1,2-Dichloropropane	ND	125	110	91	120	93	70-130	2	30	
Dibromochloromethane	ND	125	110	92	110	90	70-130	2	30	
1,1,2-Trichloroethane	ND	125	120	93	120	95	70-130	2	30	
Tetrachloroethene	ND	125	120	95	120	96	70-130	1	30	
Chlorobenzene	ND	125	120	97	120	97	70-130	0	30	
1,2-Dichloroethane	ND	125	130	106	130	107	70-130	1	30	
1,1,1-Trichloroethane	ND	125	110	86	110	89	70-130	3	30	
Bromodichloromethane	ND	125	120	98	130	101	70-130	3	30	
trans-1,3-Dichloropropene	ND	125	100	82	100	82	70-130	0	30	
cis-1,3-Dichloropropene	ND	125	110	88	110	90	70-130	2	30	
Bromoform	ND	125	100	82	100	83	70-130	1	30	
1,1,2,2-Tetrachloroethane	ND	125	110	88	120	92	70-130	4	30	
Chloromethane	ND	125	110	85	110	86	70-130	1	30	
Vinyl chloride	130	125	200	61	200	58	70-130	5	30	
Chloroethane	ND	125	110	85	110	88	70-130	3	30	
1,1-Dichloroethene	ND	125	110	88	110	89	70-130	1	30	
trans-1,2-Dichloroethene	ND	125	110	90	120	93	70-130	3	30	

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

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): 01-03 QC Batch ID: WG341174-7 WG341174-8 QC Sample: L0815550-01 Client ID: IW-2-20081020-01										
Trichloroethene	39	125	150	91	150	91	70-130	0	30	
1,2-Dichlorobenzene	ND	125	120	94	120	97	70-130	3	30	
1,3-Dichlorobenzene	ND	125	120	97	120	97	70-130	0	30	
1,4-Dichlorobenzene	ND	125	120	97	120	96	70-130	1	30	
cis-1,2-Dichloroethene	480	125	590	89	600	95	70-130	7	30	
Dichlorodifluoromethane	ND	125	160	128	160	127	70-130	1	30	
1,2-Dibromoethane	ND	125	120	98	120	99	70-130	1	30	
1,3-Dichloropropane	ND	125	120	93	120	94	70-130	1	30	
1,1,1,2-Tetrachloroethane	ND	125	120	93	120	93	70-130	0	30	
o-Chlorotoluene	ND	125	110	85	110	86	70-130	1	30	
p-Chlorotoluene	ND	125	110	87	110	89	70-130	2	30	
Hexachlorobutadiene	ND	125	100	83	110	87	70-130	5	30	
1,2,4-Trichlorobenzene	ND	125	110	85	110	86	70-130	1	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	107		108		70-130
4-Bromofluorobenzene	89		89		70-130
Dibromofluoromethane	109		111		70-130
Toluene-d8	92		94		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815550

Project Number: 0079387

Report Date: 10/27/08

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
L0815550-01A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-01B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-01C	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-01D	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-01E	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-01F	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-02A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-02B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-03A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-03B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-04A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-04B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-05A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-05B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-06A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-06B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-07A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-07B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-08A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-08B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-09A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-09B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-10A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-10B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-11A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-11B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-12A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-12B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-13A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-13B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)

*Hold days indicated by values in parentheses

Project Name: RAYTHEON-WAYLAND**Project Number:** 0079387**Lab Number:** L0815550**Report Date:** 10/27/08**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815550-14A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-14B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-15A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-15B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-16A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-16B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-17A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-17B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-18A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815550-18B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)

*Hold days indicated by values in parentheses



Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Report Format: Not Specified



Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815550
Report Date: 10/27/08

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 Analytical 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 Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

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





CHAIN OF CUSTODY

PAGE 1 OF 4

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM-BOSTON

Address: 399 BOYLSTON ST. 6th FL.

BOSTON, MA 02116

Phone: 617-646-7800

Fax: 617-267-6447

Email: barbara.mass@watergen.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: PAINTHEAVEN - WAMLAND

Project Location: WAMLAND, MA

Project #: 0079387

Project Manager: Barbara Mass@watergen

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/28/08 Time:

Date Rec'd in Lab: 10/21/08

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

MCP-GW-1

Criteria

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?

Alpha Job #: L0815550

Billing Information

Same as Client info

PO #:

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

Sample Specific Comments	ANALYSIS		SAMPLE HANDLING	
	CVOCs (8021B4826)		Filtration	Other
			<input type="checkbox"/> Done	
			<input type="checkbox"/> Not needed	
			<input type="checkbox"/> Lab to do	
			<input type="checkbox"/> Preservation	
			<input type="checkbox"/> Lab to do	

15550.	1-1W-2-20081020-01-MS	10/20/08	14:50	GW	EN	2			
	1-1W-2-20081020-01-MSD					2			
	2-DUP-001-20081020-01		11:11			2			
	3-1W-5-20081021-01	10/21/08	08:35			2			
	4-1W-8-20081021-01		09:55			2			
	5-1W-5-20051021-01		12:30			2			
	20081021-01		12:15			2			

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Preservative
V	B

IS YOUR PROJECT MCP?

MCP?

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>10/21/08 15:45</u>	<u>[Signature]</u>	<u>10/21/08 15:40</u>
<u>[Signature]</u>	<u>10/21/08 16:35</u>	<u>[Signature]</u>	<u>10/21/08 16:45</u>

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



CHAIN OF CUSTODY

PAGE 2 OF 4

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM - BOSTON

Address: 399 BOWLTON ST 6th FL

BOSTON, MA 02116

Phone: 617-646-7800

Fax: 617-267-6447

Email: bahaar.mass@zadegan.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Laytheon-Wayland

Project Location: Wayland, MA

Project #: 0079387

Project Manager: Bahaar Mass@zadegan

Alpha Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 10/28/08 Time:

Date Rec'd In Lab: 10/21/08

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory/Requirements/Report Limits

State /Fed Program MR-1W-2 Criteria

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?

Billing Information

Same as Client info PO #:

ALPHA Job #: 20815550

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
	15550-6-MW-268D-20081020-01	10/20/08	12:15	GW	2
	7-MW-267S-20081020-01	10/20/08	14:35	GW	2
	8-MW-268M-20081020-01	10/20/08	13:10	GW	2

ANALYSIS	Criteria	Sample Specific Comments
<u>CVOCs-00216</u>		

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type V
 Preservative B

Relinquished By:

Date/Time

Received By:

Date/Time

IS YOUR PROJECT MCP ?

Relinquished By: [Signature] Date/Time: 10/21/08 15:45
 Received By: [Signature] Date/Time: 10/21/08 13:30

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



CHAIN OF CUSTODY

PAGE 3 OF 4

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERPW-BOSTON

Address: 399 BOSTON ST. WTH FL

BOSTON, MA 02116

Phone: 617-646-7800

Fax: 617-267-6447

Email: halmar.mass@alpha.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Raunyan-Wayland

Project Location: Wayland, MA

Project #: 0079387

Project Manager: Halmar Massachusetts

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/28/08 Time:

Date Rec'd in Lab: 10/21/08

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program MS-6W-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?

ANALYSIS
50218 by 8260

Billing Information

ALPHA Job #: 6081550

Same as Client info PO #:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Container Type	Preservative	Relinquished By	Date/Time	Received By	Date/Time	Sample Specific Comments
		Date	Time									

1550-9- ~~ML-265M-20081020-01~~ 10/20/08 1200 GW CC 2

~~10- MW-266MB-20081020-01~~ 10/20/08 1405 GW CC 2

11- MW-266MA-20081020-01 10/20/08 1458 GW CC 2

12- MW-267M-20081021-01 10/21/08 0505 GW CC 2

13- DUP-003-20081021-01 10/21/08 0700 GW CC 2

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Relinquished By: [Signature] Date/Time: 10/21/08 15:45
 Received By: [Signature] Date/Time: 10/21/08 13:00

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.



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

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

CHAIN OF CUSTODY

PAGE 4 OF 4

Client Information

Client: ERM-BOSTON

Address: 399 BOWLSTON ST. 6th FL.

BOSTON, MA 02116

Phone: 617-646-7800

Fax: 617-267-6447

Email: bahaar.masihzadegan@erm.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: PANTHER-WAYLAND

Project Location: WAYLAND, MA

Project #: 00793BT

Project Manager: Bahaar Masihzadegan

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/28/08 Time:

Date Rec'd in Lab: 10/21/08

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program Criteria

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?

Billing Information

Same as Client info PO #:

ALPHA Job #: 20815550

ANALYSIS
BOZIC by B260

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments
		Date	Time			
15550-N	MW-553-20081020-01	10/26/08	12:40	GW	DM	2
15-NW	553-20081020-01		13:35		DM	2
16-NW	2015-20081020-01		14:20		DM	2
17-NW	551-20081021-01	10/21/08	9:00	GW	DM	2
17-NW	551-20081021-01	10/21/08	0:00	GW	DM	2

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type
Preservative

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



ANALYTICAL REPORT

Lab Number:	L0815545
Client:	ERM Consulting & Engineering, Inc. 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Bahaar Massihzadegan
Project Name:	RAYTHEON-WAYLAND
Project Number:	0079387
Report Date:	10/27/08

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), 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: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Alpha Sample ID	Client ID	Sample Location
L0815545-01	HA-102-20081021-01	WAYLAND, MA
L0815545-02	MW-203M-20081021-01	WAYLAND, MA
L0815545-03	MW-203D-20081021-01	WAYLAND, MA
L0815545-04	MW-203S-20081021-01	WAYLAND, MA
L0815545-05	MW-43S-20081021-01	WAYLAND, MA
L0815545-06	MW-104-20081021-01	WAYLAND, MA
L0815545-07	MW-105-20081021-01	WAYLAND, MA
L0815545-08	MW-105M-20081021-01	WAYLAND, MA
L0815545-09	MW-106-20081021-01	WAYLAND, MA
L0815545-10	MW-106M-20081021-01	WAYLAND, MA
L0815545-11	MW-209-20081021-01	WAYLAND, MA
L0815545-12	MW-40S-20081021-01	WAYLAND, MA
L0815545-13	MW-40-20081021-01	WAYLAND, MA
L0815545-14	MW-107-20081021-01	WAYLAND, MA
L0815545-15	MW-109-20081021-01	WAYLAND, MA
L0815545-16	MW-111-20081021-01	WAYLAND, MA
L0815545-17	DUP-005-20081021-01	WAYLAND, MA
L0815545-18	MW-113-20081021-01	WAYLAND, MA
L0815545-19	MW-403-20081021-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

MADEP MCP Response Action Analytical Report Certification

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

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

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



Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

MCP Related Narratives

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Two plastic containers preserved with HNO₃ were received for sample "MW-203S-20081021-01". At the client's request, Dissolved Potassium and Sodium were performed on this sample.

Volatile Organics

L0815545-19 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

In reference to question E:

The WG340971-1/-2 LCS/LCSD recoveries associated with L0815545-01 through -04 are above the

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**Case Narrative (continued)**

acceptance criteria for Dichlorodifluoromethane (157%/150%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for this compound.

The WG340971-4/-5 LCS/LCSD recoveries associated with L0815545-14, -16, and -19 are above the acceptance criteria for Dichlorodifluoromethane (135%/132%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for this compound.

The WG340971-8 MSD recovery associated with L0815545-01 was above the acceptance criteria for Dichlorodifluoromethane (138%). The results of the sample utilized for the MS/MSD are considered to have a potentially high bias for this compound.

In reference to question F:

All samples were analyzed for a subset of MCP compounds per the Chain of Custody.

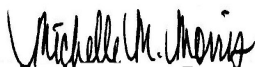
Metals

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 10/27/08

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-01
 Client ID: HA-102-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 21:16
 Analyst: GK

Date Collected: 10/21/08 10:25
 Date Received: 10/21/08
 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	2.3		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	1.2		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	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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-01
 Client ID: HA-102-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 10:25
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-02
 Client ID: MW-203M-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 21:49
 Analyst: GK

Date Collected: 10/21/08 11:35
 Date Received: 10/21/08
 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	0.84		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	1.0		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	2.4		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-02
 Client ID: MW-203M-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 11:35
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-03
 Client ID: MW-203D-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 22:22
 Analyst: GK

Date Collected: 10/21/08 12:25
 Date Received: 10/21/08
 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	0.76		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	6.1		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	94		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	6.6		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-03
 Client ID: MW-203D-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 12:25
 Date Received: 10/21/08
 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	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-04
 Client ID: MW-203S-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 22:55
 Analyst: GK

Date Collected: 10/21/08 15:20
 Date Received: 10/21/08
 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	3.6		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	0.65		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-04
 Client ID: MW-203S-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 15:20
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-05
 Client ID: MW-43S-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 15:18
 Analyst: GK

Date Collected: 10/21/08 09:25
 Date Received: 10/21/08
 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	3.0		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	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	2.8		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-05
 Client ID: MW-43S-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 09:25
 Date Received: 10/21/08
 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	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-06
 Client ID: MW-104-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 15:51
 Analyst: GK

Date Collected: 10/21/08 10:30
 Date Received: 10/21/08
 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	23		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	0.73		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-06
 Client ID: MW-104-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 10:30
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-07
 Client ID: MW-105-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 16:34
 Analyst: GK

Date Collected: 10/21/08 11:15
 Date Received: 10/21/08
 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	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-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-07
 Client ID: MW-105-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 11:15
 Date Received: 10/21/08
 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	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-08
 Client ID: MW-105M-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 17:07
 Analyst: GK

Date Collected: 10/21/08 12:10
 Date Received: 10/21/08
 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	0.72		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	5.0		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	2.0		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-08

Date Collected: 10/21/08 12:10

Client ID: MW-105M-20081021-01

Date Received: 10/21/08

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	105		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-09
 Client ID: MW-106-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 17:40
 Analyst: GK

Date Collected: 10/21/08 12:55
 Date Received: 10/21/08
 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	1.3		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	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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-09
 Client ID: MW-106-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 12:55
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-10
 Client ID: MW-106M-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 18:13
 Analyst: GK

Date Collected: 10/21/08 13:40
 Date Received: 10/21/08
 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	1.2		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	8.0		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	0.88		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-10
 Client ID: MW-106M-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 13:40
 Date Received: 10/21/08
 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	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-11
 Client ID: MW-209-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 18:46
 Analyst: GK

Date Collected: 10/21/08 14:35
 Date Received: 10/21/08
 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	1.0		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-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-11
 Client ID: MW-209-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 14:35
 Date Received: 10/21/08
 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	90		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-12
 Client ID: MW-40S-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 19:20
 Analyst: GK

Date Collected: 10/21/08 09:20
 Date Received: 10/21/08
 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	10		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	3.9		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-12
 Client ID: MW-40S-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 09:20
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-13
 Client ID: MW-40-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 19:53
 Analyst: GK

Date Collected: 10/21/08 10:15
 Date Received: 10/21/08
 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	2.1		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	1.2		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	0.83		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	6.5		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-13

Date Collected: 10/21/08 10:15

Client ID: MW-40-20081021-01

Date Received: 10/21/08

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	106		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-14
 Client ID: MW-107-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 17:11
 Analyst: GK

Date Collected: 10/21/08 10:50
 Date Received: 10/21/08
 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	4.5		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	22		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-14
 Client ID: MW-107-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 10:50
 Date Received: 10/21/08
 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	93		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-15
 Client ID: MW-109-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 20:26
 Analyst: GK

Date Collected: 10/21/08 10:50
 Date Received: 10/21/08
 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	30		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	5.8		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-15
 Client ID: MW-109-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 10:50
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-16
 Client ID: MW-111-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 17:45
 Analyst: GK

Date Collected: 10/21/08 13:00
 Date Received: 10/21/08
 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	0.60		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	57		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	0.62		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-16
 Client ID: MW-111-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 13:00
 Date Received: 10/21/08
 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	91		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-17
 Client ID: DUP-005-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 20:59
 Analyst: GK

Date Collected: 10/21/08 00:00
 Date Received: 10/21/08
 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	18		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	0.74		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	63		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	0.66		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-17
 Client ID: DUP-005-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 00:00
 Date Received: 10/21/08
 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	89		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

SAMPLE RESULTS

Lab ID: L0815545-18
 Client ID: MW-113-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/22/08 21:32
 Analyst: GK

Date Collected: 10/21/08 14:20
 Date Received: 10/21/08
 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	4.6		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	0.88		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-18
 Client ID: MW-113-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 14:20
 Date Received: 10/21/08
 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	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-19
 Client ID: MW-403-20081021-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/23/08 18:18
 Analyst: GK

Date Collected: 10/21/08 14:50
 Date Received: 10/21/08
 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	5.6		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	ND		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	150		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	6.0		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:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-19
 Client ID: MW-403-20081021-01
 Sample Location: WAYLAND, MA

Date Collected: 10/21/08 14:50
 Date Received: 10/21/08
 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	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/22/08 14:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-13,15,17-18 Batch: WG340938-3				
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: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/22/08 14:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-13,15,17-18 Batch: WG340938-3				
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: 0079387

Lab Number: L0815545
Report Date: 10/27/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/22/08 14:12
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-13,15,17-18 Batch: WG340938-3				
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/22/08 13:55
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG340971-3				

Parameter	Result	Qualifier	Units	RDL
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: L0815545

Project Number: 0079387

Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/22/08 13:55
 Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG340971-3				

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	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/23/08 12:13
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 14,16,19 Batch: WG340971-6				
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
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
 Analytical Date: 10/23/08 12:13
 Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 14,16,19 Batch: WG340971-6				
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	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-13,15,17-18 Batch: WG340938-1 WG340938-2					
Methylene chloride	88	83	70-130	6	25
1,1-Dichloroethane	94	93	70-130	1	25
Chloroform	95	100	70-130	5	25
Carbon tetrachloride	85	85	70-130	0	25
1,2-Dichloropropane	92	98	70-130	6	25
Dibromochloromethane	82	92	70-130	11	25
1,1,2-Trichloroethane	82	96	70-130	16	25
Tetrachloroethene	84	90	70-130	7	25
Chlorobenzene	87	94	70-130	8	25
Trichlorofluoromethane	124	130	70-130	5	25
1,2-Dichloroethane	104	109	70-130	5	25
1,1,1-Trichloroethane	91	92	70-130	1	25
Bromodichloromethane	95	104	70-130	9	25
trans-1,3-Dichloropropene	79	86	70-130	8	25
cis-1,3-Dichloropropene	94	100	70-130	6	25
1,1-Dichloropropene	89	90	70-130	1	25
Bromoform	76	82	70-130	8	50
1,1,2,2-Tetrachloroethane	78	93	70-130	18	25
Benzene	94	94	70-130	0	25
Toluene	84	87	70-130	4	25
Ethylbenzene	84	88	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-13,15,17-18 Batch: WG340938-1 WG340938-2					
Chloromethane	103	100	70-130	3	50
Bromomethane	107	102	70-130	5	50
Vinyl chloride	99	97	70-130	2	25
Chloroethane	94	88	70-130	7	25
1,1-Dichloroethene	98	98	70-130	0	25
trans-1,2-Dichloroethene	98	92	70-130	6	25
Trichloroethene	99	97	70-130	2	25
1,2-Dichlorobenzene	83	90	70-130	8	25
1,3-Dichlorobenzene	85	90	70-130	6	25
1,4-Dichlorobenzene	84	89	70-130	6	25
Methyl tert butyl ether	103	97	70-130	6	25
p/m-Xylene	89	91	70-130	2	25
o-Xylene	90	89	70-130	1	25
cis-1,2-Dichloroethene	96	94	70-130	2	25
Dibromomethane	104	110	70-130	6	25
1,2,3-Trichloropropane	87	103	70-130	17	25
Styrene	91	90	70-130	1	25
Dichlorodifluoromethane	104	117	70-130	12	50
Acetone	113	110	70-130	3	50
Carbon disulfide	90	87	70-130	3	50
2-Butanone	101	95	70-130	6	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-13,15,17-18 Batch: WG340938-1 WG340938-2					
4-Methyl-2-pentanone	98	100	70-130	2	50
2-Hexanone	80	79	70-130	1	50
Bromochloromethane	110	114	70-130	4	25
Tetrahydrofuran	102	100	70-130	2	25
2,2-Dichloropropane	92	92	70-130	0	50
1,2-Dibromoethane	88	97	70-130	10	25
1,3-Dichloropropane	85	95	70-130	11	25
1,1,1,2-Tetrachloroethane	81	92	70-130	13	25
Bromobenzene	87	96	70-130	10	25
n-Butylbenzene	73	75	70-130	3	25
sec-Butylbenzene	74	78	70-130	5	25
tert-Butylbenzene	78	82	70-130	5	25
o-Chlorotoluene	76	81	70-130	6	25
p-Chlorotoluene	77	83	70-130	8	25
1,2-Dibromo-3-chloropropane	72	75	70-130	4	50
Hexachlorobutadiene	83	78	70-130	6	25
Isopropylbenzene	84	86	70-130	2	25
p-Isopropyltoluene	80	85	70-130	6	25
Naphthalene	73	77	70-130	5	25
n-Propylbenzene	75	80	70-130	6	25
1,2,3-Trichlorobenzene	84	87	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-13,15,17-18 Batch: WG340938-1 WG340938-2					
1,2,4-Trichlorobenzene	84	84	70-130	0	25
1,3,5-Trimethylbenzene	78	83	70-130	6	25
1,2,4-Trimethylbenzene	77	82	70-130	6	25
Ethyl ether	107	92	70-130	15	25
Isopropyl Ether	90	84	70-130	7	25
Ethyl-Tert-Butyl-Ether	96	90	70-130	6	25
Tertiary-Amyl Methyl Ether	92	88	70-130	4	25
1,4-Dioxane	104	85	70-130	20	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	90		93		70-130
Dibromofluoromethane	110		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG340971-1 WG340971-2					
Methylene chloride	119	111	70-130	7	25
1,1-Dichloroethane	108	104	70-130	4	25
Chloroform	119	112	70-130	6	25
Carbon tetrachloride	98	95	70-130	3	25
1,2-Dichloropropane	106	101	70-130	5	25
Dibromochloromethane	95	96	70-130	1	25
1,1,2-Trichloroethane	94	91	70-130	3	25
Tetrachloroethene	99	95	70-130	4	25
Chlorobenzene	99	96	70-130	3	25
1,2-Dichloroethane	114	112	70-130	2	25
1,1,1-Trichloroethane	105	102	70-130	3	25
Bromodichloromethane	106	102	70-130	4	25
trans-1,3-Dichloropropene	89	88	70-130	1	25
cis-1,3-Dichloropropene	103	100	70-130	3	25
Bromoform	90	88	70-130	2	50
1,1,2,2-Tetrachloroethane	89	90	70-130	1	25
Chloromethane	113	105	70-130	7	50
Vinyl chloride	117	106	70-130	10	25
Chloroethane	106	98	70-130	8	25
1,1-Dichloroethene	115	109	70-130	5	25
trans-1,2-Dichloroethene	113	108	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG340971-1 WG340971-2					
Trichloroethene	111	106	70-130	5	25
1,2-Dichlorobenzene	95	94	70-130	1	25
1,3-Dichlorobenzene	100	94	70-130	6	25
1,4-Dichlorobenzene	99	95	70-130	4	25
cis-1,2-Dichloroethene	107	105	70-130	2	25
Dichlorodifluoromethane	157	150	70-130	5	50
1,2-Dibromoethane	98	97	70-130	1	25
1,3-Dichloropropane	95	94	70-130	1	25
1,1,1,2-Tetrachloroethane	98	94	70-130	4	25
o-Chlorotoluene	89	86	70-130	3	25
p-Chlorotoluene	91	88	70-130	3	25
Hexachlorobutadiene	95	94	70-130	1	25
1,2,4-Trichlorobenzene	98	96	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	92		94		70-130
4-Bromofluorobenzene	91		92		70-130
Dibromofluoromethane	111		112		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14,16,19 Batch: WG340971-4 WG340971-5					
Methylene chloride	99	96	70-130	3	25
1,1-Dichloroethane	90	88	70-130	2	25
Chloroform	99	100	70-130	1	25
Carbon tetrachloride	81	82	70-130	1	25
1,2-Dichloropropane	86	88	70-130	2	25
Dibromochloromethane	89	89	70-130	0	25
1,1,2-Trichloroethane	88	90	70-130	2	25
Tetrachloroethene	92	90	70-130	2	25
Chlorobenzene	91	91	70-130	0	25
1,2-Dichloroethane	96	99	70-130	3	25
1,1,1-Trichloroethane	87	89	70-130	2	25
Bromodichloromethane	90	92	70-130	2	25
trans-1,3-Dichloropropene	82	83	70-130	1	25
cis-1,3-Dichloropropene	85	88	70-130	3	25
Bromoform	84	86	70-130	2	50
1,1,2,2-Tetrachloroethane	84	85	70-130	1	25
Chloromethane	91	87	70-130	4	50
Vinyl chloride	97	93	70-130	4	25
Chloroethane	89	88	70-130	1	25
1,1-Dichloroethene	97	92	70-130	5	25
trans-1,2-Dichloroethene	91	91	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 14,16,19 Batch: WG340971-4 WG340971-5					
Trichloroethene	92	92	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	96	70-130	2	25
1,4-Dichlorobenzene	93	94	70-130	1	25
cis-1,2-Dichloroethene	88	87	70-130	1	25
Dichlorodifluoromethane	135	132	70-130	2	50
1,2-Dibromoethane	93	91	70-130	2	25
1,3-Dichloropropane	89	89	70-130	0	25
1,1,1,2-Tetrachloroethane	90	90	70-130	0	25
o-Chlorotoluene	83	84	70-130	1	25
p-Chlorotoluene	85	86	70-130	1	25
Hexachlorobutadiene	84	94	70-130	11	25
1,2,4-Trichlorobenzene	87	92	70-130	6	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	110		109		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

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): 01-04,14,16,19 QC Batch ID: WG340971-7 WG340971-8 QC Sample: L0815545-01 Client ID: HA-102-20081021-01										
Methylene chloride	ND	10	10	106	9.8	98	70-130	8	30	
1,1-Dichloroethane	ND	10	10	100	9.5	95	70-130	5	30	
Chloroform	ND	10	12	115	11	110	70-130	4	30	
Carbon tetrachloride	ND	10	9.9	99	9.5	95	70-130	4	30	
1,2-Dichloropropane	ND	10	10	100	9.6	96	70-130	4	30	
Dibromochloromethane	ND	10	10	105	10	101	70-130	4	30	
1,1,2-Trichloroethane	ND	10	11	106	10	100	70-130	6	30	
Tetrachloroethene	2.3	10	13	109	12	100	70-130	9	30	
Chlorobenzene	ND	10	11	106	9.8	98	70-130	8	30	
1,2-Dichloroethane	ND	10	12	117	11	112	70-130	4	30	
1,1,1-Trichloroethane	ND	10	11	107	10	103	70-130	4	30	
Bromodichloromethane	ND	10	11	110	10	103	70-130	7	30	
trans-1,3-Dichloropropene	ND	10	9.3	93	8.8	88	70-130	6	30	
cis-1,3-Dichloropropene	ND	10	9.7	97	9.2	92	70-130	5	30	
Bromoform	ND	10	9.9	99	9.5	95	70-130	4	30	
1,1,2,2-Tetrachloroethane	ND	10	10	101	9.6	96	70-130	5	30	
Chloromethane	ND	10	9.2	92	9.6	96	70-130	4	30	
Vinyl chloride	ND	10	9.6	96	10	101	70-130	5	30	
Chloroethane	ND	10	8.5	85	8.2	82	70-130	4	30	
1,1-Dichloroethene	ND	10	10	103	10	103	70-130	0	30	
trans-1,2-Dichloroethene	ND	10	10	103	10	100	70-130	3	30	

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

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): 01-04,14,16,19 QC Batch ID: WG340971-7 WG340971-8 QC Sample: L0815545-01 Client ID: HA-102-20081021-01										
Trichloroethene	1.2	10	12	105	11	101	70-130	4	30	
1,2-Dichlorobenzene	ND	10	10	102	9.5	95	70-130	7	30	
1,3-Dichlorobenzene	ND	10	10	105	9.8	98	70-130	7	30	
1,4-Dichlorobenzene	ND	10	10	104	9.8	98	70-130	6	30	
cis-1,2-Dichloroethene	ND	10	10	100	9.5	95	70-130	5	30	
Dichlorodifluoromethane	ND	10	13	130	14	138	70-130	6	30	
1,2-Dibromoethane	ND	10	11	111	10	105	70-130	6	30	
1,3-Dichloropropane	ND	10	10	106	9.9	99	70-130	7	30	
1,1,1,2-Tetrachloroethane	ND	10	10	104	9.8	98	70-130	6	30	
o-Chlorotoluene	ND	10	9.5	95	8.8	88	70-130	8	30	
p-Chlorotoluene	ND	10	9.5	95	9.0	90	70-130	5	30	
Hexachlorobutadiene	ND	10	9.3	93	9.4	94	70-130	1	30	
1,2,4-Trichlorobenzene	ND	10	9.8	98	9.2	92	70-130	6	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	104		108		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	109		110		70-130
Toluene-d8	94		93		70-130

METALS

Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-02

Date Collected: 10/21/08 11:35

Client ID: MW-203M-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/22/08 13:00	10/23/08 12:15	EPA 3005A	60,6010B	AI
Sodium, Dissolved	120		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:15	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-03

Date Collected: 10/21/08 12:25

Client ID: MW-203D-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	2.9		mg/l	2.5	1	10/22/08 13:00	10/23/08 12:21	EPA 3005A	60,6010B	AI
Sodium, Dissolved	120		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:21	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-04

Date Collected: 10/21/08 15:20

Client ID: MW-203S-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/23/08 12:30	10/23/08 19:49	EPA 3005A	60,6010B	AI
Sodium, Dissolved	40		mg/l	2.0	1	10/23/08 12:30	10/23/08 19:49	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-05

Date Collected: 10/21/08 09:25

Client ID: MW-43S-20081021-01

Date Received: 10/21/08

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	66		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:25	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-06

Date Collected: 10/21/08 10:30

Client ID: MW-104-20081021-01

Date Received: 10/21/08

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	10/22/08 13:00	10/23/08 12:28	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-07

Date Collected: 10/21/08 11:15

Client ID: MW-105-20081021-01

Date Received: 10/21/08

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	10/22/08 13:00	10/23/08 12:31	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-08

Date Collected: 10/21/08 12:10

Client ID: MW-105M-20081021-01

Date Received: 10/21/08

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	210		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:46	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-09

Date Collected: 10/21/08 12:55

Client ID: MW-106-20081021-01

Date Received: 10/21/08

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	87		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:49	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-10

Date Collected: 10/21/08 13:40

Client ID: MW-106M-20081021-01

Date Received: 10/21/08

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	190		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:53	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-11

Date Collected: 10/21/08 14:35

Client ID: MW-209-20081021-01

Date Received: 10/21/08

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	30		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:56	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-12

Date Collected: 10/21/08 09:20

Client ID: MW-40S-20081021-01

Date Received: 10/21/08

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	110		mg/l	2.0	1	10/22/08 13:00	10/23/08 12:59	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-13

Date Collected: 10/21/08 10:15

Client ID: MW-40-20081021-01

Date Received: 10/21/08

Sample Location: WAYLAND, MA

Field Prep: Not Specified

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	10/22/08 13:00	10/23/08 13:03	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-15

Date Collected: 10/21/08 10:50

Client ID: MW-109-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	51		mg/l	2.5	1	10/22/08 13:00	10/23/08 13:06	EPA 3005A	60,6010B	AI
Sodium, Dissolved	24		mg/l	2.0	1	10/22/08 13:00	10/23/08 13:06	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-16

Date Collected: 10/21/08 13:00

Client ID: MW-111-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	6.4		mg/l	2.5	1	10/22/08 13:00	10/23/08 13:09	EPA 3005A	60,6010B	AI
Sodium, Dissolved	45		mg/l	2.0	1	10/22/08 13:00	10/23/08 13:09	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND**Lab Number:** L0815545**Project Number:** 0079387**Report Date:** 10/27/08**SAMPLE RESULTS**

Lab ID: L0815545-17

Date Collected: 10/21/08 00:00

Client ID: DUP-005-20081021-01

Date Received: 10/21/08

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										
Potassium, Dissolved	6.7		mg/l	2.5	1	10/22/08 13:00	10/23/08 13:13	EPA 3005A	60,6010B	AI
Sodium, Dissolved	46		mg/l	2.0	1	10/22/08 13:00	10/23/08 13:13	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

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): 02-03,05-13,15-17 Batch: WG340849-1								
Potassium, Dissolved	ND	mg/l	2.5	1	10/22/08 13:00	10/23/08 12:02	60,6010B	AI
Sodium, Dissolved	ND	mg/l	2.0	1	10/22/08 13:00	10/23/08 12:02	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 04 Batch: WG341015-1								
Potassium, Dissolved	ND	mg/l	2.5	1	10/23/08 12:30	10/23/08 19:36	60,6010B	AI
Sodium, Dissolved	ND	mg/l	2.0	1	10/23/08 12:30	10/23/08 19:36	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 0079387

Lab Number: L0815545

Report Date: 10/27/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 02-03,05-13,15-17 Batch: WG340849-2 WG340849-3					
Potassium, Dissolved	96	96	80-120	0	20
Sodium, Dissolved	97	97	80-120	0	20
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 04 Batch: WG341015-2 WG341015-3					
Potassium, Dissolved	99	97	80-120	2	20
Sodium, Dissolved	100	97	80-120	3	20

Project Name: RAYTHEON-WAYLAND

Lab Number: L0815545

Project Number: 0079387

Report Date: 10/27/08

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
L0815545-01A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-01B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-01C	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-01D	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-01E	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-01F	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-02A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-02B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-02C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-02D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-03A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-03B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-03C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-03D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-04A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-04B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-04C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-04D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-05A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-05B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-05C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-06A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-06B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-06C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-07A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-07B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-07C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-08A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)

*Hold days indicated by values in parentheses

Project Name: RAYTHEON-WAYLAND

Project Number: 0079387

Lab Number: L0815545

Report Date: 10/27/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815545-08B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-08C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-09A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-09B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-09C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-10A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-10B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-10C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-11A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-11B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-11C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-12A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-12B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-12C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-13A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-13B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-13C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180)
L0815545-14A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-14B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-15A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-15B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-15C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-15D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-16A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-16B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-16C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-16D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-17A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-17B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-17C	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-17D	Plastic 250ml HNO3 preserved	A	<2	3C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815545-18A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-18B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)
L0815545-19A	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)

*Hold days indicated by values in parentheses

Project Name: RAYTHEON-WAYLAND**Project Number:** 0079387**Lab Number:** L0815545**Report Date:** 10/27/08**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815545-19B	Vial HCl preserved	A	N/A	3C	Y	Absent	MCP-8260-04(14)

Container Comments

L0815545-05A

L0815545-06A

L0815545-07A

L0815545-08A

L0815545-09A

L0815545-10A

L0815545-11A

L0815545-12A

L0815545-13A

L0815545-15A

L0815545-17A

L0815545-18A

*Hold days indicated by values in parentheses

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Project Name: RAYTHEON-WAYLAND
Project Number: 0079387

Lab Number: L0815545
Report Date: 10/27/08

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 Analytical 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 Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

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





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

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

CHAIN OF CUSTODY

PAGE 1 OF 3

Project Information

Project Name: Raytheon - Weyland

Project Location: Weyland, Ma

Project #: 0079387

Project Manager: Bahar Massihzadegan

Address: 399 Bayston St 4th Fl
Boston, Ma 02116

Phone: 617-646-7800

Fax: 617-267-4447

Email: bahar.massihzadegan@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab:

10/21/08

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Same as Client Info PO #:

ALPHA Job #: 20815545

Regulatory Requirements/Report Limits

State/Fed Program MCP - 603-1 Criteria

MAMCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

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

ANALYSIS
8001B by 8260
Diss Na by 6010B
Diss K by 6010B

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
15545	1 - HA-102-30081021-01	10/21/08	10:25	GC	DM
	1 - HA-102-30081021-01-M5		10:25		DM
	1 - HA-102-30081021-01-M5D		10:25		DM
	2 - MW-303M-30081021-01		11:35		DM
	3 - MW-303D-30081021-01		12:25		DM
	4 - MW-203S-20081021-01		15:20		DM

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT

MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type	Preservative
V	B
P	C
P	C

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



CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM - BOSTON

Address: 399 BOSTON ST. 6th FL.

BOSTON MA 02116

Phone: 617-646-7800

Fax: 617-267-6447

Email: bahar.mass@wadegardem.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Daytheon-Wayland

Project Location: Wayland, MA

Project #: 0079387

Project Manager: Bahar Massh Tadokya

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 10/29/08 Time:

Date Rec'd In Lab: 10/21/08

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program MCP-GW-7 Criteria

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?

ALPHA Job #: 20815845

Billing Information

Same as Client info

PO #:

ALPHA Lab ID (Lab Use Only)	SampleID	Collection		Sample Matrix	Sampler's Initials	#	ANALYSIS	SAMPLE HANDLING	Sample Specific Comments
		Date	Time						
1554555	MW-435-2008021-01	10/21/08	0925	GW	CC	2	1		
6	MW-104-20081021-01	10/21/08	1030	GW	CC	2	1		
7	MW-105-20081021-01	10/21/08	1115	GW	CC	2	1		
8	MW-105m-20081021-01	10/21/08	1210	GW	CC	2	1		
9	MW-106-20081021-01	10/21/08	1255	GW	CC	2	1		
10	MW-106m-20081021-01	10/21/08	1340	GW	CC	2	1		
11	MW-205-20081021-01	10/21/08	1435	GW	CC	2	1		

ANALYSIS: 8021B by 8260 Diss. Na

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

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Date/Time	Received By	Date/Time
Preservative			
V	10/21/08 15:45	<u>[Signature]</u>	10/21/08 15:30
P			
C			

IS YOUR PROJECT MCP?

[Signature]

[Signature]

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



CHAIN OF CUSTODY

PAGE 3 OF 3

Eight Walkup Drive
Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **ERM-BOSTON**

Address: **399 BOWLETON ST. 6th FL.**

Phone: **617-646-7800**

Fax: **617-267-6447**

Email: **dahmar.mashh2adeqa@ermm.com**

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

Project Information

Project Name: **RAYTHEON - WAYLAND**

Project Location: **WAYLAND, MA**

Project #: **OD79387**

Project Manager: **Bahar Mashh2adeqa**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Time:

Date Due: **10/28/08**

Date Rec'd in Lab: **10/21/08**

Report Information - Data Deliverables

FAX EMAIL

Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program: **MCP-GW-7**

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

Billing Information

Same as Client info

PO #:

ALPHA Job #: **L0815545**

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

ANALYSIS		Criteria	
0021 B	by 0260		
Diss Na (FF)			
0021 B			
Diss K (FF)			

SAMPLE HANDLING	
Filtration	<input checked="" type="checkbox"/> Done
	<input type="checkbox"/> Not needed
	<input type="checkbox"/> Lab to do
	<input type="checkbox"/> Preservation
	<input type="checkbox"/> Lab to do
(Please specify below)	
Sample Specific Comments	

15545172	MW-405-20081021-01	10/21/08	09:20	GW	BM	2	1												
13	MW-402-20081021-01	10/21/08	10:15	GW	BM	2	1												
14	MW-107-20081021-01	"	10:50	GW	BM	2	1												
15	MW-109-20081021-01	"	11:35	GW	BM	2	1												
16	MW-111-20081021-01	"	13:00	GW	BM	2	1												
17	DUP-005-20081021-01	"	00:00	GW	BM	2	1												
18	MW-113-20081021-01	"	14:20	GW	BM	2	2												
19	MW-403-20081021-01	"	14:50	GW	EW	2	2												

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Preservative	Date/Time	Received By:	Date/Time
Y	P	10/21/08 15:45	<i>[Signature]</i>	10/21/08 15:55

IS YOUR PROJECT MCP ?

Relinquished By: *[Signature]* 10/21/08 15:45
Received By: *[Signature]* 10/21/08 15:55

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.



ANALYTICAL REPORT

Lab Number: L0815684

Client: ERM Consulting & Engineering, Inc.
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Bahaar Massihzadegan

Project Name: RAYTHEON WAYLAND

Project Number: 0079387

Report Date: 11/12/08

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), 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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Alpha Sample ID	Client ID	Sample Location
L0815684-01	MW-204S-20081022-01	WAYLAND, MA
L0815684-02	MW-204M-20081022-01	WAYLAND, MA
L0815684-03	MW-204D-20081022-01	WAYLAND, MA
L0815684-04	DUP-004-20081022-01	WAYLAND, MA
L0815684-05	DUP-006-20081022-01	WAYLAND, MA
L0815684-06	MW-208S-20081022-01	WAYLAND, MA
L0815684-07	MW-208M-20081022-01	WAYLAND, MA
L0815684-08	MW-201S-20081022-01	WAYLAND, MA
L0815684-09	MW-404-20081023-01	WAYLAND, MA
L0815684-10	MW-118-20081023-01	WAYLAND, MA
L0815684-11	MW-210-20081022-01	WAYLAND, MA
L0815684-12	MW-211-20081022-01	WAYLAND, MA
L0815684-13	MW-212-20081022-01	WAYLAND, MA
L0815684-14	MW-212M-20081022-01	WAYLAND, MA
L0815684-15	MW-202S-20081022-01	WAYLAND, MA
L0815684-16	DUP-009-20081022-01	WAYLAND, MA
L0815684-17	MW-202M-20081022-01	WAYLAND, MA
L0815684-18	MW-47S-20081023-01	WAYLAND, MA

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

MADEP MCP Response Action Analytical Report Certification

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

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

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



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

Report Submission

This report replaces the report issued November 10, 2008. The client identification has been changed on L0815684-15.

A previously issued report replaced the report issued October 29, 2008. The client identifications were changed on L0815684-04 and -15.

MCP Related Narratives

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Volatile Organics

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Case Narrative (continued)

L0815684-07: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

In reference to question F:

All samples were analyzed for a subset of MCP compounds per the Chain of Custody.

Metals

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 11/12/08

ORGANICS

VOLATILES

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-01
 Client ID: MW-204S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/24/08 21:14
 Analyst: PD

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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	7.0		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	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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-01
 Client ID: MW-204S-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-02
 Client ID: MW-204M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/27/08 16:23
 Analyst: GK

Date Collected: 10/22/08 10:00
 Date Received: 10/23/08
 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	27		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	3.8		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	120		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:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-02

Date Collected: 10/22/08 10:00

Client ID: MW-204M-20081022-01

Date Received: 10/23/08

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	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-03
 Client ID: MW-204D-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/27/08 16:51
 Analyst: GK

Date Collected: 10/22/08 08:00
 Date Received: 10/23/08
 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	4.6		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	12		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-03
 Client ID: MW-204D-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 08:00
 Date Received: 10/23/08
 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	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-04
 Client ID: DUP-004-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/27/08 17:19
 Analyst: GK

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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	5.2		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	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 WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-04
 Client ID: DUP-004-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-05
 Client ID: DUP-006-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/27/08 17:46
 Analyst: GK

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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	7.0		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	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:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-05
 Client ID: DUP-006-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-06
 Client ID: MW-208S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/27/08 18:14
 Analyst: GK

Date Collected: 10/22/08 12:25
 Date Received: 10/23/08
 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	4.1		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-06
 Client ID: MW-208S-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 12:25
 Date Received: 10/23/08
 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	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-07
 Client ID: MW-208M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 15:57
 Analyst: GK

Date Collected: 10/22/08 11:30
 Date Received: 10/23/08
 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	2.1		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	0.76		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	12		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	1.3		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 WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-07
 Client ID: MW-208M-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 11:30
 Date Received: 10/23/08
 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	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	87		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-08
 Client ID: MW-201S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 16:30
 Analyst: GK

Date Collected: 10/22/08 13:25
 Date Received: 10/23/08
 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	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	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	5.3		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-08
 Client ID: MW-201S-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 13:25
 Date Received: 10/23/08
 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	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-09
 Client ID: MW-404-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 17:04
 Analyst: GK

Date Collected: 10/23/08 09:05
 Date Received: 10/23/08
 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	0.86		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	35		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:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-09
 Client ID: MW-404-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 09:05
 Date Received: 10/23/08
 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	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-10
 Client ID: MW-118-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 17:38
 Analyst: GK

Date Collected: 10/23/08 10:05
 Date Received: 10/23/08
 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 WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-10
 Client ID: MW-118-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 10:05
 Date Received: 10/23/08
 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	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130



Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-11
 Client ID: MW-210-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 18:12
 Analyst: GK

Date Collected: 10/22/08 08:15
 Date Received: 10/23/08
 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	1.4		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	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	0.86		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-11
 Client ID: MW-210-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 08:15
 Date Received: 10/23/08
 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	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-12
 Client ID: MW-211-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 18:45
 Analyst: GK

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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	0.57		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-12
 Client ID: MW-211-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-13
 Client ID: MW-212-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 19:19
 Analyst: GK

Date Collected: 10/22/08 09:50
 Date Received: 10/23/08
 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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-13
 Client ID: MW-212-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 09:50
 Date Received: 10/23/08
 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	92		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-14
 Client ID: MW-212M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 19:53
 Analyst: GK

Date Collected: 10/22/08 10:55
 Date Received: 10/23/08
 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	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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-14
 Client ID: MW-212M-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 10:55
 Date Received: 10/23/08
 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	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-15
 Client ID: MW-202S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 20:26
 Analyst: GK

Date Collected: 10/22/08 12:20
 Date Received: 10/23/08
 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	2.6		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	5.6		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:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-15

Date Collected: 10/22/08 12:20

Client ID: MW-202S-20081022-01

Date Received: 10/23/08

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	105		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-17
 Client ID: MW-202M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 14:31
 Analyst: PD

Date Collected: 10/22/08 13:00
 Date Received: 10/23/08
 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	38		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: L0815684

Project Number: 0079387

Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-17
 Client ID: MW-202M-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 13:00
 Date Received: 10/23/08
 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	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-18
 Client ID: MW-47S-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 21:34
 Analyst: GK

Date Collected: 10/23/08 08:20
 Date Received: 10/23/08
 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 WAYLAND**Lab Number:** L0815684**Project Number:** 0079387**Report Date:** 11/12/08**SAMPLE RESULTS**

Lab ID: L0815684-18
 Client ID: MW-47S-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 08:20
 Date Received: 10/23/08
 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	104		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/24/08 12:21
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01 Batch: WG341338-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/24/08 12:21
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01 Batch: WG341338-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/24/08 12:21
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
-----------	--------	-----------	-------	-----

Volatile Organics by MCP 8260B for sample(s): 01 Batch: WG341338-3

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	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	112		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/27/08 10:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-06 Batch: WG341529-3				

Parameter	Result	Qualifier	Units	RDL
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/27/08 10:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-06 Batch: WG341529-3				

Parameter	Result	Qualifier	Units	RDL
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/27/08 10:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-06 Batch: WG341529-3				

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	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-15,18 Batch: WG341584-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-15,18 Batch: WG341584-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-15,18 Batch: WG341584-3				
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	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 17 Batch: WG341825-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 17 Batch: WG341825-3				
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: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 17 Batch: WG341825-3				

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	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG341338-1 WG341338-2					
Methylene chloride	94	91	70-130	3	25
1,1-Dichloroethane	82	82	70-130	0	25
Chloroform	96	96	70-130	0	25
Carbon tetrachloride	76	75	70-130	1	25
1,2-Dichloropropane	82	84	70-130	2	25
Dibromochloromethane	88	88	70-130	0	25
1,1,2-Trichloroethane	84	83	70-130	1	25
Tetrachloroethene	87	88	70-130	1	25
Chlorobenzene	86	86	70-130	0	25
Trichlorofluoromethane	114	113	70-130	1	25
1,2-Dichloroethane	98	97	70-130	1	25
1,1,1-Trichloroethane	81	81	70-130	0	25
Bromodichloromethane	91	91	70-130	0	25
trans-1,3-Dichloropropene	79	79	70-130	0	25
cis-1,3-Dichloropropene	83	83	70-130	0	25
1,1-Dichloropropene	76	78	70-130	3	25
Bromoform	80	83	70-130	4	50
1,1,2,2-Tetrachloroethane	81	86	70-130	6	25
Benzene	80	80	70-130	0	25
Toluene	80	80	70-130	0	25
Ethylbenzene	82	83	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG341338-1 WG341338-2					
Chloromethane	82	79	70-130	4	50
Bromomethane	79	82	70-130	4	50
Vinyl chloride	82	79	70-130	4	25
Chloroethane	76	72	70-130	5	25
1,1-Dichloroethene	84	81	70-130	4	25
trans-1,2-Dichloroethene	84	83	70-130	1	25
Trichloroethene	84	86	70-130	2	25
1,2-Dichlorobenzene	86	87	70-130	1	25
1,3-Dichlorobenzene	89	89	70-130	0	25
1,4-Dichlorobenzene	89	88	70-130	1	25
Methyl tert butyl ether	95	100	70-130	5	25
p/m-Xylene	86	87	70-130	1	25
o-Xylene	88	89	70-130	1	25
cis-1,2-Dichloroethene	84	82	70-130	2	25
Dibromomethane	94	95	70-130	1	25
1,2,3-Trichloropropane	91	99	70-130	8	25
Styrene	89	90	70-130	1	25
Dichlorodifluoromethane	116	116	70-130	0	50
Acetone	115	108	70-130	6	50
Carbon disulfide	80	76	70-130	5	50
2-Butanone	92	97	70-130	5	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG341338-1 WG341338-2					
4-Methyl-2-pentanone	84	90	70-130	7	50
2-Hexanone	76	85	70-130	11	50
Bromochloromethane	97	97	70-130	0	25
Tetrahydrofuran	88	93	70-130	6	25
2,2-Dichloropropane	83	80	70-130	4	50
1,2-Dibromoethane	87	91	70-130	4	25
1,3-Dichloropropane	85	87	70-130	2	25
1,1,1,2-Tetrachloroethane	87	86	70-130	1	25
Bromobenzene	87	90	70-130	3	25
n-Butylbenzene	78	76	70-130	3	25
sec-Butylbenzene	79	77	70-130	3	25
tert-Butylbenzene	80	80	70-130	0	25
o-Chlorotoluene	79	78	70-130	1	25
p-Chlorotoluene	80	81	70-130	1	25
1,2-Dibromo-3-chloropropane	79	79	70-130	0	50
Hexachlorobutadiene	83	90	70-130	8	25
Isopropylbenzene	82	84	70-130	2	25
p-Isopropyltoluene	86	87	70-130	1	25
Naphthalene	70	74	70-130	6	25
n-Propylbenzene	78	78	70-130	0	25
1,2,3-Trichlorobenzene	84	85	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01 Batch: WG341338-1 WG341338-2					
1,2,4-Trichlorobenzene	84	84	70-130	0	25
1,3,5-Trimethylbenzene	81	80	70-130	1	25
1,2,4-Trimethylbenzene	81	80	70-130	1	25
Ethyl ether	95	96	70-130	1	25
Isopropyl Ether	83	82	70-130	1	25
Ethyl-Tert-Butyl-Ether	89	89	70-130	0	25
Tertiary-Amyl Methyl Ether	83	86	70-130	4	25
1,4-Dioxane	103	105	70-130	2	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		103		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	110		111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-06 Batch: WG341529-1 WG341529-2					
Methylene chloride	102	101	70-130	1	25
1,1-Dichloroethane	104	104	70-130	0	25
Chloroform	111	112	70-130	1	25
Carbon tetrachloride	106	105	70-130	1	25
1,2-Dichloropropane	104	104	70-130	0	25
Dibromochloromethane	92	93	70-130	1	25
1,1,2-Trichloroethane	93	98	70-130	5	25
Tetrachloroethene	96	92	70-130	4	25
Chlorobenzene	99	97	70-130	2	25
Trichlorofluoromethane	109	109	70-130	0	25
1,2-Dichloroethane	99	104	70-130	5	25
1,1,1-Trichloroethane	102	102	70-130	0	25
Bromodichloromethane	95	98	70-130	3	25
trans-1,3-Dichloropropene	109	109	70-130	0	25
cis-1,3-Dichloropropene	102	103	70-130	1	25
1,1-Dichloropropene	100	98	70-130	2	25
Bromoform	100	103	70-130	3	50
1,1,2,2-Tetrachloroethane	95	98	70-130	3	25
Benzene	102	102	70-130	0	25
Toluene	100	99	70-130	1	25
Ethylbenzene	98	96	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-06 Batch: WG341529-1 WG341529-2					
Chloromethane	94	95	70-130	1	50
Bromomethane	78	83	70-130	6	50
Vinyl chloride	96	97	70-130	1	25
Chloroethane	103	103	70-130	0	25
1,1-Dichloroethene	100	101	70-130	1	25
trans-1,2-Dichloroethene	94	104	70-130	10	25
Trichloroethene	99	99	70-130	0	25
1,2-Dichlorobenzene	92	93	70-130	1	25
1,3-Dichlorobenzene	95	93	70-130	2	25
1,4-Dichlorobenzene	97	98	70-130	1	25
Methyl tert butyl ether	92	97	70-130	5	25
p/m-Xylene	97	94	70-130	3	25
o-Xylene	95	91	70-130	4	25
cis-1,2-Dichloroethene	97	96	70-130	1	25
Dibromomethane	98	101	70-130	3	25
1,2,3-Trichloropropane	107	104	70-130	3	25
Styrene	94	91	70-130	3	25
Dichlorodifluoromethane	90	88	70-130	2	50
Acetone	121	134	70-130	10	50
Carbon disulfide	101	100	70-130	1	50
2-Butanone	117	129	70-130	10	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-06 Batch: WG341529-1 WG341529-2					
4-Methyl-2-pentanone	113	121	70-130	7	50
2-Hexanone	117	121	70-130	3	50
Bromochloromethane	104	101	70-130	3	25
Tetrahydrofuran	104	103	70-130	1	25
2,2-Dichloropropane	112	109	70-130	3	50
1,2-Dibromoethane	93	100	70-130	7	25
1,3-Dichloropropane	94	96	70-130	2	25
1,1,1,2-Tetrachloroethane	108	109	70-130	1	25
Bromobenzene	96	95	70-130	1	25
n-Butylbenzene	98	96	70-130	2	25
sec-Butylbenzene	96	95	70-130	1	25
tert-Butylbenzene	94	94	70-130	0	25
o-Chlorotoluene	98	98	70-130	0	25
p-Chlorotoluene	98	98	70-130	0	25
1,2-Dibromo-3-chloropropane	92	94	70-130	2	50
Hexachlorobutadiene	87	87	70-130	0	25
Isopropylbenzene	98	95	70-130	3	25
p-Isopropyltoluene	97	94	70-130	3	25
Naphthalene	90	95	70-130	5	25
n-Propylbenzene	98	97	70-130	1	25
1,2,3-Trichlorobenzene	90	97	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-06 Batch: WG341529-1 WG341529-2					
1,2,4-Trichlorobenzene	90	93	70-130	3	25
1,3,5-Trimethylbenzene	100	97	70-130	3	25
1,2,4-Trimethylbenzene	97	96	70-130	1	25
Ethyl ether	81	87	70-130	7	25
Isopropyl Ether	90	93	70-130	3	25
Ethyl-Tert-Butyl-Ether	96	99	70-130	3	25
Tertiary-Amyl Methyl Ether	92	95	70-130	3	25
1,4-Dioxane	119	119	70-130	0	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-15,18 Batch: WG341584-1 WG341584-2					
Methylene chloride	117	121	70-130	3	25
1,1-Dichloroethane	113	115	70-130	2	25
Chloroform	107	105	70-130	2	25
Carbon tetrachloride	119	124	70-130	4	25
1,2-Dichloropropane	111	111	70-130	0	25
Dibromochloromethane	97	98	70-130	1	25
1,1,2-Trichloroethane	102	101	70-130	1	25
Tetrachloroethene	93	95	70-130	2	25
Chlorobenzene	99	98	70-130	1	25
Trichlorofluoromethane	115	128	70-130	11	25
1,2-Dichloroethane	116	116	70-130	0	25
1,1,1-Trichloroethane	106	110	70-130	4	25
Bromodichloromethane	108	109	70-130	1	25
trans-1,3-Dichloropropene	103	104	70-130	1	25
cis-1,3-Dichloropropene	106	106	70-130	0	25
1,1-Dichloropropene	101	106	70-130	5	25
Bromoform	110	110	70-130	0	50
1,1,2,2-Tetrachloroethane	97	100	70-130	3	25
Benzene	108	108	70-130	0	25
Toluene	96	97	70-130	1	25
Ethylbenzene	98	99	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-15,18 Batch: WG341584-1 WG341584-2					
Chloromethane	103	109	70-130	6	50
Bromomethane	111	118	70-130	6	50
Vinyl chloride	102	108	70-130	6	25
Chloroethane	110	116	70-130	5	25
1,1-Dichloroethene	109	115	70-130	5	25
trans-1,2-Dichloroethene	110	107	70-130	3	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	95	96	70-130	1	25
1,3-Dichlorobenzene	95	98	70-130	3	25
1,4-Dichlorobenzene	97	99	70-130	2	25
Methyl tert butyl ether	89	86	70-130	3	25
p/m-Xylene	98	100	70-130	2	25
o-Xylene	92	92	70-130	0	25
cis-1,2-Dichloroethene	111	112	70-130	1	25
Dibromomethane	113	112	70-130	1	25
1,2,3-Trichloropropane	111	117	70-130	5	25
Styrene	93	94	70-130	1	25
Dichlorodifluoromethane	82	98	70-130	18	50
Acetone	140	148	70-130	6	50
Carbon disulfide	93	96	70-130	3	50
2-Butanone	128	137	70-130	7	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-15,18 Batch: WG341584-1 WG341584-2					
4-Methyl-2-pentanone	120	135	70-130	12	50
2-Hexanone	115	116	70-130	1	50
Bromochloromethane	116	113	70-130	3	25
Tetrahydrofuran	100	109	70-130	9	25
2,2-Dichloropropane	125	127	70-130	2	50
1,2-Dibromoethane	99	99	70-130	0	25
1,3-Dichloropropane	101	101	70-130	0	25
1,1,1,2-Tetrachloroethane	109	108	70-130	1	25
Bromobenzene	91	95	70-130	4	25
n-Butylbenzene	98	105	70-130	7	25
sec-Butylbenzene	96	100	70-130	4	25
tert-Butylbenzene	95	98	70-130	3	25
o-Chlorotoluene	95	96	70-130	1	25
p-Chlorotoluene	95	98	70-130	3	25
1,2-Dibromo-3-chloropropane	108	120	70-130	11	50
Hexachlorobutadiene	93	100	70-130	7	25
Isopropylbenzene	98	102	70-130	4	25
p-Isopropyltoluene	99	103	70-130	4	25
Naphthalene	105	108	70-130	3	25
n-Propylbenzene	96	97	70-130	1	25
1,2,3-Trichlorobenzene	99	103	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-15,18 Batch: WG341584-1 WG341584-2					
1,2,4-Trichlorobenzene	95	101	70-130	6	25
1,3,5-Trimethylbenzene	96	98	70-130	2	25
1,2,4-Trimethylbenzene	96	98	70-130	2	25
Ethyl ether	83	85	70-130	2	25
Isopropyl Ether	90	86	70-130	5	25
Ethyl-Tert-Butyl-Ether	93	93	70-130	0	25
Tertiary-Amyl Methyl Ether	92	88	70-130	4	25
1,4-Dioxane	146	158	70-130	8	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	95		93		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 17 Batch: WG341825-1 WG341825-2					
Methylene chloride	126	127	70-130	1	25
1,1-Dichloroethane	98	100	70-130	2	25
Chloroform	105	112	70-130	6	25
Carbon tetrachloride	104	100	70-130	4	25
1,2-Dichloropropane	97	102	70-130	5	25
Dibromochloromethane	93	97	70-130	4	25
1,1,2-Trichloroethane	94	96	70-130	2	25
Tetrachloroethene	96	99	70-130	3	25
Chlorobenzene	96	97	70-130	1	25
Trichlorofluoromethane	117	125	70-130	7	25
1,2-Dichloroethane	100	106	70-130	6	25
1,1,1-Trichloroethane	93	99	70-130	6	25
Bromodichloromethane	96	99	70-130	3	25
trans-1,3-Dichloropropene	98	100	70-130	2	25
cis-1,3-Dichloropropene	100	104	70-130	4	25
1,1-Dichloropropene	91	98	70-130	7	25
Bromoform	94	94	70-130	0	50
1,1,2,2-Tetrachloroethane	94	91	70-130	3	25
Benzene	94	99	70-130	5	25
Toluene	94	97	70-130	3	25
Ethylbenzene	97	98	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 17 Batch: WG341825-1 WG341825-2					
Chloromethane	94	97	70-130	3	50
Bromomethane	97	114	70-130	16	50
Vinyl chloride	99	101	70-130	2	25
Chloroethane	122	126	70-130	3	25
1,1-Dichloroethene	96	98	70-130	2	25
trans-1,2-Dichloroethene	98	100	70-130	2	25
Trichloroethene	95	102	70-130	7	25
1,2-Dichlorobenzene	96	99	70-130	3	25
1,3-Dichlorobenzene	101	104	70-130	3	25
1,4-Dichlorobenzene	100	102	70-130	2	25
Methyl tert butyl ether	105	112	70-130	6	25
p/m-Xylene	100	103	70-130	3	25
o-Xylene	102	104	70-130	2	25
cis-1,2-Dichloroethene	96	97	70-130	1	25
Dibromomethane	96	100	70-130	4	25
1,2,3-Trichloropropane	104	111	70-130	7	25
Styrene	101	100	70-130	1	25
Dichlorodifluoromethane	108	116	70-130	7	50
Acetone	110	114	70-130	4	50
Carbon disulfide	83	84	70-130	1	50
2-Butanone	93	111	70-130	18	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 17 Batch: WG341825-1 WG341825-2					
4-Methyl-2-pentanone	96	106	70-130	10	50
2-Hexanone	86	100	70-130	15	50
Bromochloromethane	99	104	70-130	5	25
Tetrahydrofuran	93	102	70-130	9	25
2,2-Dichloropropane	97	106	70-130	9	50
1,2-Dibromoethane	94	97	70-130	3	25
1,3-Dichloropropane	96	98	70-130	2	25
1,1,1,2-Tetrachloroethane	97	100	70-130	3	25
Bromobenzene	96	99	70-130	3	25
n-Butylbenzene	100	102	70-130	2	25
sec-Butylbenzene	99	100	70-130	1	25
tert-Butylbenzene	98	103	70-130	5	25
o-Chlorotoluene	89	96	70-130	8	25
p-Chlorotoluene	95	97	70-130	2	25
1,2-Dibromo-3-chloropropane	89	100	70-130	12	50
Hexachlorobutadiene	98	107	70-130	9	25
Isopropylbenzene	99	103	70-130	4	25
p-Isopropyltoluene	107	110	70-130	3	25
Naphthalene	86	91	70-130	6	25
n-Propylbenzene	98	100	70-130	2	25
1,2,3-Trichlorobenzene	96	101	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 17 Batch: WG341825-1 WG341825-2					
1,2,4-Trichlorobenzene	99	101	70-130	2	25
1,3,5-Trimethylbenzene	100	101	70-130	1	25
1,2,4-Trimethylbenzene	98	99	70-130	1	25
Ethyl ether	102	104	70-130	2	25
Isopropyl Ether	90	95	70-130	5	25
Ethyl-Tert-Butyl-Ether	99	105	70-130	6	25
Tertiary-Amyl Methyl Ether	97	103	70-130	6	25
1,4-Dioxane	102	113	70-130	10	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	101		102		70-130

METALS

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-01
 Client ID: MW-204S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:28	EPA 3005A	60,6010B	AI
Sodium, Dissolved	24		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:28	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-02
 Client ID: MW-204M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 10:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:34	EPA 3005A	60,6010B	AI
Sodium, Dissolved	34		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:34	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-03
 Client ID: MW-204D-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 08:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	4.2		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:38	EPA 3005A	60,6010B	AI
Sodium, Dissolved	82		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:38	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-04
 Client ID: DUP-004-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	4.4		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:41	EPA 3005A	60,6010B	AI
Sodium, Dissolved	86		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:41	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-05
 Client ID: DUP-006-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 00:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:44	EPA 3005A	60,6010B	AI
Sodium, Dissolved	24		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:44	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-06
 Client ID: MW-208S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 12:25
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 13:48	EPA 3005A	60,6010B	AI
Sodium, Dissolved	32		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:48	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-11
 Client ID: MW-210-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 08:15
 Date Received: 10/23/08
 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	150		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:51	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-12
 Client ID: MW-211-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 09:00
 Date Received: 10/23/08
 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	10/24/08 12:30	10/27/08 13:54	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-13
 Client ID: MW-212-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 09:50
 Date Received: 10/23/08
 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	38		mg/l	2.0	1	10/24/08 12:30	10/27/08 13:58	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-14
 Client ID: MW-212M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 10:55
 Date Received: 10/23/08
 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	93		mg/l	2.0	1	10/24/08 12:30	10/27/08 14:35	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-15
 Client ID: MW-202S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 12:20
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 14:38	EPA 3005A	60,6010B	AI
Sodium, Dissolved	12		mg/l	2.0	1	10/24/08 12:30	10/27/08 14:38	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

SAMPLE RESULTS

Lab ID: L0815684-16
 Client ID: DUP-009-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water

Date Collected: 10/22/08 12:00
 Date Received: 10/23/08
 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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 12:30	10/27/08 14:42	EPA 3005A	60,6010B	AI
Sodium, Dissolved	12		mg/l	2.0	1	10/24/08 12:30	10/27/08 14:42	EPA 3005A	60,6010B	AI



Project Name: RAYTHEON WAYLAND

Lab Number: L0815684

Project Number: 0079387

Report Date: 11/12/08

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): 01-06,11-16 Batch: WG341201-1								
Potassium, Dissolved	ND	mg/l	2.5	1	10/24/08 12:30	10/27/08 13:03	60,6010B	AI
Sodium, Dissolved	ND	mg/l	2.0	1	10/24/08 12:30	10/27/08 13:03	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-06,11-16 Batch: WG341201-2 WG341201-3					
Potassium, Dissolved	93	93	80-120	0	20
Sodium, Dissolved	92	94	80-120	2	20

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815684-01A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-01B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-01C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-01D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-02A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-02B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-02C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-02D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-03A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-03B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-03C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-03D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-04A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-04B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-04C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-04D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-05A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-05B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-05C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-05D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-06A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-06B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-06C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-06D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-07A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)

*Hold days indicated by values in parentheses

Project Name: RAYTHEON WAYLAND

Project Number: 0079387

Lab Number: L0815684

Report Date: 11/12/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815684-07B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-08A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-08B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-09A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-09B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-10A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-10B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-11A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-11B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-11C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180)
L0815684-12A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-12B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-12C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180)
L0815684-13A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-13B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-13C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180)
L0815684-14A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-14B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-14C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180)
L0815684-15A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-15B	Vial HCl preserved	NA	NA		Y	Absent	MCP-8260-04(14)
L0815684-15C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-16A	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815684-17A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-17B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-18A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815684-18B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)

Container Comments

L0815684-07A

L0815684-08A

*Hold days indicated by values in parentheses



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815684
Report Date: 11/12/08

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 Analytical 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 Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

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





CHAIN OF CUSTODY

PAGE 1 OF 5

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **ERM-ROSTON**

Address: **399 BOSTON ST. 6th FL. BOSTON, MA 02116**

Phone: **617-646-7800**

Fax: **617-267-6447**

Email: **barbar.masci@hazardegon.com**

Project Information

Project Name: **Roughmen Wayland**

Project Location: **Wayland, MA**

Project #: **0079387**

Project Manager: **Barbara Masci@hazardegon**

Alpha Quote #:

Turn-Around Time

Standard

RUSH (only confirmed if pre-approved)

Date Due: **10/30/08**

Time:

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd In Lab: **10/23/08**

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

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?

Alpha Job #: **LD815684**

Billing Information

Same as Client info

PO #:

ALPHA Lab ID (Lab Use Only)	SampleID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
588401	MW-2045-20081023-01	10/23/08	9:00	EW	DM
D2-	MW-2041M-20081022-01		10:00		DM
D3-	MW-2041D-20081022-01		8:00		DM
D4-	DUP-004-20081022-01		0:00		DM
D5-	DUP-006-20081022-01		0:00		DM
D6-	MW-2085-20081022-01		12:25		DM
D7-	MW-2087M-20081022-01		11:36		DM
D8-	MW-2015-20081022-01		13:25		DM
D9-	MW-404-20081023-01	10/23/08	09:05		EW
D10-	MW-118-20081023-01		10:05		EW

ANALYSIS		MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED		SAMPLE HANDLING	
8021B by 8260B	8021B by 8260B	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Done	
Diss Na 6010B	Diss K 6010B	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not needed	
8021B by 8260B	8021B by 8260B	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Lab to do	
				<input type="checkbox"/> Preservation	
				<input type="checkbox"/> Lab to do	

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP?

MCP ?

Relinquished By:

[Signature] 10/23/08

Date/Time

Container Type

V	P	P	V
B	C	C	H

Received By:

[Signature] 10/23/08

Date/Time

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



CHAIN OF CUSTODY

PAGE 2 OF 5

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM-BOSTON

Address: 399 BOSTON ST. 6th FL

BOSTON, MA 02116

Phone: 617-1046-7800

Fax: 617-267-6447

Email: lhuar.madshtz@erm.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Ralphen-Wayland

Project Location: Wayland, MA

Project #: 0039387

Project Manager: Bahar Madshtz

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 10/30/08

Time:

Date Rec'd in Lab: 10/23/08

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

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?

Billing Information

Same as Client info

PO #:

ALPHA Job #: 20815684

ANALYSIS
 8221C by 8260
 Diss. Na.
 Diss. K
 Diss. K / Na
 8221C by 8260

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	Volume	Depth	Flow	Time	Temp	Preservative	Container Type	State	Fed	Program	Criteria	Billing Information
		Date	Time														
588411	MW-210-20081022-01	10/22/08	05:15	GW	CC	2	1					V	P				
-12	MW-211-20081022-01	11/22/08	09:00	GW	CC	2	1					V	P				
-13	MW-212-20081022-01	10/22/08	09:50	GW	CC	2	1					V	P				
-14	MW-212M-20081022-01	10/22/08	10:55	GW	CC	2	1					V	P				
-5	MW-202-5-20081022-01	10/22/08	12:20	GW	CC	2	1					V	P				
-16	DUP-009-20081022-01	10/22/08	12:00	GW	CC	2	1					V	P				
-17	MW-202M-20081022-01	10/22/08	13:00	GW	CC	2	1					V	P				
-1	MW-202M-20081022-01	10/22/08	13:00	GW	CC	2	1					V	P				
-18	MW-475-20081023-01	10/23/08	08:20	GW	BM	2	2					V	P				

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT

MCP ?

Relinquished By:

[Signature]

Date/Time

10/22/08

Received By:

[Signature]

Date/Time

10/22/08 13:02

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:	L0815685
Client:	ERM Consulting & Engineering, Inc. 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Bahaar Massihzadegan
Project Name:	RAYTHEON WAYLAND
Project Number:	0079387
Report Date:	10/30/08

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), 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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Alpha Sample ID	Client ID	Sample Location
L0815685-01	MW-102-20081022-01	WAYLAND, MA
L0815685-02	MW-214-20081022-01	WAYLAND, MA
L0815685-03	MW-101-20081022-01	WAYLAND, MA
L0815685-04	MW-103-20081022-01	WAYLAND, MA
L0815685-05	MW-213-20081022-01	WAYLAND, MA
L0815685-06	MW-47M-20081023-01	WAYLAND, MA
L0815685-07	MW-201M-20081023-01	WAYLAND, MA
L0815685-08	MW-201D-20081023-01	WAYLAND, MA
L0815685-09	MW-115-20081022-01	WAYLAND, MA
L0815685-10	MW-33M-20081022-01	WAYLAND, MA
L0815685-11	MW-33S-20081022-01	WAYLAND, MA
L0815685-12	IP-17D-20081023-01	WAYLAND, MA
L0815685-13	IP-16D-20081023-01	WAYLAND, MA
L0815685-14	IP-16S-20081023-01	WAYLAND, MA
L0815685-15	MW-405S-20081023-01	WAYLAND, MA
L0815685-16	DUP-007-20081022-01	WAYLAND, MA
L0815685-17	MW-117-20081023-01	WAYLAND, MA
L0815685-18	TB-001-20081023- 0120081022-01	WAYLAND, MA
L0815685-19	MW-47D-20081023-01	WAYLAND, MA

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

MADEP MCP Response Action Analytical Report Certification

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

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

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



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

MCP Related Narratives

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Volatile Organics

L0815685-01, -03, -07, -09, and -13 through -15: The pH of the samples were greater than two; however, the samples were analyzed within the method required holding time.

L0815685-11 has elevated detection limits due to the 2x dilution required by the elevated concentrations of target compounds in the sample.

L0815685-12: The pH could not be determined due to the sample matrix (if unpreserved, was still analyzed within holding time).

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Case Narrative (continued)

In reference to question E:

The WG341962-7 MS recovery for Trichloroethene (66%) is outside the acceptance criteria. The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the sample utilized for the MS/MSD.

The WG341962-8 MSD recovery was above the acceptance criteria for Methylene chloride (133%); however, the associated LCS/LCSD recoveries were within criteria. The results of the sample utilized for the MS/MSD are considered to have a potentially high bias for this compound.

In reference to question F:

All samples were analyzed for a subset of MCP compounds per the Chain of Custody.

Metals

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 10/30/08

ORGANICS

VOLATILES

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-01
 Client ID: MW-102-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 15:40
 Analyst: GK

Date Collected: 10/22/08 07:50
 Date Received: 10/23/08
 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	1.9		ug/l	0.75	1
Chloroform	2.5		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	1.1		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: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-01
 Client ID: MW-102-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 07:50
 Date Received: 10/23/08
 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	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-02
 Client ID: MW-214-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 16:13
 Analyst: GK

Date Collected: 10/22/08 09:10
 Date Received: 10/23/08
 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	0.58		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	15		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	0.80		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-02
 Client ID: MW-214-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 09:10
 Date Received: 10/23/08
 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	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-03
 Client ID: MW-101-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 16:47
 Analyst: GK

Date Collected: 10/22/08 10:05
 Date Received: 10/23/08
 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 WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-03
 Client ID: MW-101-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 10:05
 Date Received: 10/23/08
 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	96		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-04
 Client ID: MW-103-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 17:21
 Analyst: GK

Date Collected: 10/22/08 11:25
 Date Received: 10/23/08
 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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-04
 Client ID: MW-103-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 11:25
 Date Received: 10/23/08
 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	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-05
 Client ID: MW-213-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 17:55
 Analyst: GK

Date Collected: 10/22/08 12:50
 Date Received: 10/23/08
 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	1.2		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	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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-05
 Client ID: MW-213-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 12:50
 Date Received: 10/23/08
 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	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-06
 Client ID: MW-47M-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 18:28
 Analyst: GK

Date Collected: 10/23/08 10:00
 Date Received: 10/23/08
 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	0.57		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	19		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	2.9		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-06
 Client ID: MW-47M-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 10:00
 Date Received: 10/23/08
 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	97		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-07
 Client ID: MW-201M-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 19:02
 Analyst: GK

Date Collected: 10/23/08 09:20
 Date Received: 10/23/08
 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	2.1		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	3.5		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	52		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-07
 Client ID: MW-201M-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 09:20
 Date Received: 10/23/08
 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	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-08
 Client ID: MW-201D-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 17:24
 Analyst: PD

Date Collected: 10/23/08 10:20
 Date Received: 10/23/08
 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	4.0		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 WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-08
 Client ID: MW-201D-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 10:20
 Date Received: 10/23/08
 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	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-09
 Client ID: MW-115-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 20:10
 Analyst: GK

Date Collected: 10/22/08 09:10
 Date Received: 10/23/08
 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	0.88		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	32		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	35		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-09
 Client ID: MW-115-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 09:10
 Date Received: 10/23/08
 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	96		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-10
 Client ID: MW-33M-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 20:43
 Analyst: GK

Date Collected: 10/22/08 10:40
 Date Received: 10/23/08
 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	6.1		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	3.2		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-10
 Client ID: MW-33M-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 10:40
 Date Received: 10/23/08
 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	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-11
 Client ID: MW-33S-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 17:59
 Analyst: PD

Date Collected: 10/22/08 11:45
 Date Received: 10/23/08
 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	27		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	89		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-11
 Client ID: MW-33S-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 11:45
 Date Received: 10/23/08
 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	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-12
 Client ID: IP-17D-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 21:51
 Analyst: GK

Date Collected: 10/23/08 10:15
 Date Received: 10/23/08
 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	2.3		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-12

Date Collected: 10/23/08 10:15

Client ID: IP-17D-20081023-01

Date Received: 10/23/08

Sample Location: WAYLAND, MA

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	90		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-13
 Client ID: IP-16D-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 22:07
 Analyst: GK

Date Collected: 10/23/08 11:05
 Date Received: 10/23/08
 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	0.96		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-13

Date Collected: 10/23/08 11:05

Client ID: IP-16D-20081023-01

Date Received: 10/23/08

Sample Location: WAYLAND, MA

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	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-14
 Client ID: IP-16S-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/28/08 22:24
 Analyst: GK

Date Collected: 10/23/08 11:25
 Date Received: 10/23/08
 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 WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-14

Date Collected: 10/23/08 11:25

Client ID: IP-16S-20081023-01

Date Received: 10/23/08

Sample Location: WAYLAND, MA

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	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-15
 Client ID: MW-405S-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 13:17
 Analyst: PD

Date Collected: 10/23/08 10:45
 Date Received: 10/23/08
 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	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	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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-15
 Client ID: MW-405S-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 10:45
 Date Received: 10/23/08
 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	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-16
 Client ID: DUP-007-20081022-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 13:57
 Analyst: PD

Date Collected: 10/22/08 11:11
 Date Received: 10/23/08
 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	1.4		ug/l	0.75	1
Chloroform	1.5		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	0.83		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-16
 Client ID: DUP-007-20081022-01
 Sample Location: WAYLAND, MA

Date Collected: 10/22/08 11:11
 Date Received: 10/23/08
 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	110		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-17
 Client ID: MW-117-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 15:40
 Analyst: PD

Date Collected: 10/23/08 14:00
 Date Received: 10/23/08
 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	1.1		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	7.1		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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-17
 Client ID: MW-117-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 14:00
 Date Received: 10/23/08
 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	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-18

Date Collected: 10/23/08 11:11

Client ID: TB-001-20081023-0120081022-01

Date Received: 10/23/08

Sample Location: WAYLAND, MA

Field Prep: None

Matrix: Water

Analytical Method: 60,8260B

Analytical Date: 10/29/08 16:15

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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-18

Date Collected: 10/23/08 11:11

Client ID: TB-001-20081023-0120081022-01

Date Received: 10/23/08

Sample Location: WAYLAND, MA

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	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

SAMPLE RESULTS

Lab ID: L0815685-19
 Client ID: MW-47D-20081023-01
 Sample Location: WAYLAND, MA
 Matrix: Water
 Analytical Method: 60,8260B
 Analytical Date: 10/29/08 16:49
 Analyst: PD

Date Collected: 10/23/08 11:15
 Date Received: 10/23/08
 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	2.4		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	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	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:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-19
 Client ID: MW-47D-20081023-01
 Sample Location: WAYLAND, MA

Date Collected: 10/23/08 11:15
 Date Received: 10/23/08
 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	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 13 Batch: WG341584-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 13 Batch: WG341584-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 13:08
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 13 Batch: WG341584-3				
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	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 12:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-07,09-10,12,14 Batch: WG341590-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/28/08 12:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-07,09-10,12,14 Batch: WG341590-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 60,8260B
Analytical Date: 10/28/08 12:51
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-07,09-10,12,14 Batch: WG341590-3				
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	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 11,15-19 Batch: WG341825-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 11,15-19 Batch: WG341825-3				
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: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 11,15-19 Batch: WG341825-3				
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	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 08 Batch: WG341962-3				
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
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/29/08 12:42
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 08 Batch: WG341962-3				

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	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 13 Batch: WG341584-1 WG341584-2					
Methylene chloride	117	121	70-130	3	25
1,1-Dichloroethane	113	115	70-130	2	25
Chloroform	107	105	70-130	2	25
Carbon tetrachloride	119	124	70-130	4	25
1,2-Dichloropropane	111	111	70-130	0	25
Dibromochloromethane	97	98	70-130	1	25
1,1,2-Trichloroethane	102	101	70-130	1	25
Tetrachloroethene	93	95	70-130	2	25
Chlorobenzene	99	98	70-130	1	25
Trichlorofluoromethane	115	128	70-130	11	25
1,2-Dichloroethane	116	116	70-130	0	25
1,1,1-Trichloroethane	106	110	70-130	4	25
Bromodichloromethane	108	109	70-130	1	25
trans-1,3-Dichloropropene	103	104	70-130	1	25
cis-1,3-Dichloropropene	106	106	70-130	0	25
1,1-Dichloropropene	101	106	70-130	5	25
Bromoform	110	110	70-130	0	50
1,1,2,2-Tetrachloroethane	97	100	70-130	3	25
Benzene	108	108	70-130	0	25
Toluene	96	97	70-130	1	25
Ethylbenzene	98	99	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 13 Batch: WG341584-1 WG341584-2					
Chloromethane	103	109	70-130	6	50
Bromomethane	111	118	70-130	6	50
Vinyl chloride	102	108	70-130	6	25
Chloroethane	110	116	70-130	5	25
1,1-Dichloroethene	109	115	70-130	5	25
trans-1,2-Dichloroethene	110	107	70-130	3	25
Trichloroethene	102	104	70-130	2	25
1,2-Dichlorobenzene	95	96	70-130	1	25
1,3-Dichlorobenzene	95	98	70-130	3	25
1,4-Dichlorobenzene	97	99	70-130	2	25
Methyl tert butyl ether	89	86	70-130	3	25
p/m-Xylene	98	100	70-130	2	25
o-Xylene	92	92	70-130	0	25
cis-1,2-Dichloroethene	111	112	70-130	1	25
Dibromomethane	113	112	70-130	1	25
1,2,3-Trichloropropane	111	117	70-130	5	25
Styrene	93	94	70-130	1	25
Dichlorodifluoromethane	82	98	70-130	18	50
Acetone	140	148	70-130	6	50
Carbon disulfide	93	96	70-130	3	50
2-Butanone	128	137	70-130	7	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 13 Batch: WG341584-1 WG341584-2					
4-Methyl-2-pentanone	120	135	70-130	12	50
2-Hexanone	115	116	70-130	1	50
Bromochloromethane	116	113	70-130	3	25
Tetrahydrofuran	100	109	70-130	9	25
2,2-Dichloropropane	125	127	70-130	2	50
1,2-Dibromoethane	99	99	70-130	0	25
1,3-Dichloropropane	101	101	70-130	0	25
1,1,1,2-Tetrachloroethane	109	108	70-130	1	25
Bromobenzene	91	95	70-130	4	25
n-Butylbenzene	98	105	70-130	7	25
sec-Butylbenzene	96	100	70-130	4	25
tert-Butylbenzene	95	98	70-130	3	25
o-Chlorotoluene	95	96	70-130	1	25
p-Chlorotoluene	95	98	70-130	3	25
1,2-Dibromo-3-chloropropane	108	120	70-130	11	50
Hexachlorobutadiene	93	100	70-130	7	25
Isopropylbenzene	98	102	70-130	4	25
p-Isopropyltoluene	99	103	70-130	4	25
Naphthalene	105	108	70-130	3	25
n-Propylbenzene	96	97	70-130	1	25
1,2,3-Trichlorobenzene	99	103	70-130	4	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 13 Batch: WG341584-1 WG341584-2					
1,2,4-Trichlorobenzene	95	101	70-130	6	25
1,3,5-Trimethylbenzene	96	98	70-130	2	25
1,2,4-Trimethylbenzene	96	98	70-130	2	25
Ethyl ether	83	85	70-130	2	25
Isopropyl Ether	90	86	70-130	5	25
Ethyl-Tert-Butyl-Ether	93	93	70-130	0	25
Tertiary-Amyl Methyl Ether	92	88	70-130	4	25
1,4-Dioxane	146	158	70-130	8	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	95		93		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-07,09-10,12,14 Batch: WG341590-1 WG341590-2					
Methylene chloride	117	122	70-130	4	25
1,1-Dichloroethane	112	118	70-130	5	25
Chloroform	120	125	70-130	4	25
Carbon tetrachloride	109	116	70-130	6	25
1,2-Dichloropropane	110	116	70-130	5	25
Dibromochloromethane	100	101	70-130	1	25
1,1,2-Trichloroethane	105	106	70-130	1	25
Tetrachloroethene	100	100	70-130	0	25
Chlorobenzene	106	106	70-130	0	25
Trichlorofluoromethane	118	126	70-130	7	25
1,2-Dichloroethane	114	118	70-130	3	25
1,1,1-Trichloroethane	108	115	70-130	6	25
Bromodichloromethane	108	111	70-130	3	25
trans-1,3-Dichloropropene	114	114	70-130	0	25
cis-1,3-Dichloropropene	110	115	70-130	4	25
1,1-Dichloropropene	106	111	70-130	5	25
Bromoform	104	105	70-130	1	50
1,1,2,2-Tetrachloroethane	101	102	70-130	1	25
Benzene	110	114	70-130	4	25
Toluene	106	106	70-130	0	25
Ethylbenzene	105	106	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-07,09-10,12,14 Batch: WG341590-1 WG341590-2					
Chloromethane	95	98	70-130	3	50
Bromomethane	103	108	70-130	5	50
Vinyl chloride	99	105	70-130	6	25
Chloroethane	112	117	70-130	4	25
1,1-Dichloroethene	113	114	70-130	1	25
trans-1,2-Dichloroethene	116	122	70-130	5	25
Trichloroethene	105	112	70-130	6	25
1,2-Dichlorobenzene	99	100	70-130	1	25
1,3-Dichlorobenzene	98	98	70-130	0	25
1,4-Dichlorobenzene	102	102	70-130	0	25
Methyl tert butyl ether	102	99	70-130	3	25
p/m-Xylene	105	105	70-130	0	25
o-Xylene	97	99	70-130	2	25
cis-1,2-Dichloroethene	107	110	70-130	3	25
Dibromomethane	108	113	70-130	5	25
1,2,3-Trichloropropane	114	110	70-130	4	25
Styrene	96	97	70-130	1	25
Dichlorodifluoromethane	83	86	70-130	4	50
Acetone	115	128	70-130	11	50
Carbon disulfide	91	97	70-130	6	50
2-Butanone	121	130	70-130	7	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-07,09-10,12,14 Batch: WG341590-1 WG341590-2					
4-Methyl-2-pentanone	122	129	70-130	6	50
2-Hexanone	114	117	70-130	3	50
Bromochloromethane	115	118	70-130	3	25
Tetrahydrofuran	100	105	70-130	5	25
2,2-Dichloropropane	107	110	70-130	3	50
1,2-Dibromoethane	105	106	70-130	1	25
1,3-Dichloropropane	106	105	70-130	1	25
1,1,1,2-Tetrachloroethane	113	114	70-130	1	25
Bromobenzene	99	100	70-130	1	25
n-Butylbenzene	100	103	70-130	3	25
sec-Butylbenzene	99	102	70-130	3	25
tert-Butylbenzene	97	101	70-130	4	25
o-Chlorotoluene	99	101	70-130	2	25
p-Chlorotoluene	101	102	70-130	1	25
1,2-Dibromo-3-chloropropane	99	103	70-130	4	50
Hexachlorobutadiene	94	96	70-130	2	25
Isopropylbenzene	104	106	70-130	2	25
p-Isopropyltoluene	101	101	70-130	0	25
Naphthalene	95	98	70-130	3	25
n-Propylbenzene	101	101	70-130	0	25
1,2,3-Trichlorobenzene	96	101	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-07,09-10,12,14 Batch: WG341590-1 WG341590-2					
1,2,4-Trichlorobenzene	96	97	70-130	1	25
1,3,5-Trimethylbenzene	101	103	70-130	2	25
1,2,4-Trimethylbenzene	99	101	70-130	2	25
Ethyl ether	83	82	70-130	1	25
Isopropyl Ether	88	89	70-130	1	25
Ethyl-Tert-Butyl-Ether	90	93	70-130	3	25
Tertiary-Amyl Methyl Ether	87	91	70-130	4	25
1,4-Dioxane	123	120	70-130	2	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		96		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11,15-19 Batch: WG341825-1 WG341825-2					
Methylene chloride	126	127	70-130	1	25
1,1-Dichloroethane	98	100	70-130	2	25
Chloroform	105	112	70-130	6	25
Carbon tetrachloride	104	100	70-130	4	25
1,2-Dichloropropane	97	102	70-130	5	25
Dibromochloromethane	93	97	70-130	4	25
1,1,2-Trichloroethane	94	96	70-130	2	25
Tetrachloroethene	96	99	70-130	3	25
Chlorobenzene	96	97	70-130	1	25
Trichlorofluoromethane	117	125	70-130	7	25
1,2-Dichloroethane	100	106	70-130	6	25
1,1,1-Trichloroethane	93	99	70-130	6	25
Bromodichloromethane	96	99	70-130	3	25
trans-1,3-Dichloropropene	98	100	70-130	2	25
cis-1,3-Dichloropropene	100	104	70-130	4	25
1,1-Dichloropropene	91	98	70-130	7	25
Bromoform	94	94	70-130	0	50
1,1,2,2-Tetrachloroethane	94	91	70-130	3	25
Benzene	94	99	70-130	5	25
Toluene	94	97	70-130	3	25
Ethylbenzene	97	98	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11,15-19 Batch: WG341825-1 WG341825-2					
Chloromethane	94	97	70-130	3	50
Bromomethane	97	114	70-130	16	50
Vinyl chloride	99	101	70-130	2	25
Chloroethane	122	126	70-130	3	25
1,1-Dichloroethene	96	98	70-130	2	25
trans-1,2-Dichloroethene	98	100	70-130	2	25
Trichloroethene	95	102	70-130	7	25
1,2-Dichlorobenzene	96	99	70-130	3	25
1,3-Dichlorobenzene	101	104	70-130	3	25
1,4-Dichlorobenzene	100	102	70-130	2	25
Methyl tert butyl ether	105	112	70-130	6	25
p/m-Xylene	100	103	70-130	3	25
o-Xylene	102	104	70-130	2	25
cis-1,2-Dichloroethene	96	97	70-130	1	25
Dibromomethane	96	100	70-130	4	25
1,2,3-Trichloropropane	104	111	70-130	7	25
Styrene	101	100	70-130	1	25
Dichlorodifluoromethane	108	116	70-130	7	50
Acetone	110	114	70-130	4	50
Carbon disulfide	83	84	70-130	1	50
2-Butanone	93	111	70-130	18	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11,15-19 Batch: WG341825-1 WG341825-2					
4-Methyl-2-pentanone	96	106	70-130	10	50
2-Hexanone	86	100	70-130	15	50
Bromochloromethane	99	104	70-130	5	25
Tetrahydrofuran	93	102	70-130	9	25
2,2-Dichloropropane	97	106	70-130	9	50
1,2-Dibromoethane	94	97	70-130	3	25
1,3-Dichloropropane	96	98	70-130	2	25
1,1,1,2-Tetrachloroethane	97	100	70-130	3	25
Bromobenzene	96	99	70-130	3	25
n-Butylbenzene	100	102	70-130	2	25
sec-Butylbenzene	99	100	70-130	1	25
tert-Butylbenzene	98	103	70-130	5	25
o-Chlorotoluene	89	96	70-130	8	25
p-Chlorotoluene	95	97	70-130	2	25
1,2-Dibromo-3-chloropropane	89	100	70-130	12	50
Hexachlorobutadiene	98	107	70-130	9	25
Isopropylbenzene	99	103	70-130	4	25
p-Isopropyltoluene	107	110	70-130	3	25
Naphthalene	86	91	70-130	6	25
n-Propylbenzene	98	100	70-130	2	25
1,2,3-Trichlorobenzene	96	101	70-130	5	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 11,15-19 Batch: WG341825-1 WG341825-2					
1,2,4-Trichlorobenzene	99	101	70-130	2	25
1,3,5-Trimethylbenzene	100	101	70-130	1	25
1,2,4-Trimethylbenzene	98	99	70-130	1	25
Ethyl ether	102	104	70-130	2	25
Isopropyl Ether	90	95	70-130	5	25
Ethyl-Tert-Butyl-Ether	99	105	70-130	6	25
Tertiary-Amyl Methyl Ether	97	103	70-130	6	25
1,4-Dioxane	102	113	70-130	10	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 08 Batch: WG341962-1 WG341962-2					
Methylene chloride	126	127	70-130	1	25
1,1-Dichloroethane	98	100	70-130	2	25
Chloroform	105	112	70-130	6	25
Carbon tetrachloride	104	100	70-130	4	25
1,2-Dichloropropane	97	102	70-130	5	25
Dibromochloromethane	93	97	70-130	4	25
1,1,2-Trichloroethane	94	96	70-130	2	25
Tetrachloroethene	96	99	70-130	3	25
Chlorobenzene	96	97	70-130	1	25
1,2-Dichloroethane	100	106	70-130	6	25
1,1,1-Trichloroethane	93	99	70-130	6	25
Bromodichloromethane	96	99	70-130	3	25
trans-1,3-Dichloropropene	98	100	70-130	2	25
cis-1,3-Dichloropropene	100	104	70-130	4	25
Bromoform	94	94	70-130	0	50
1,1,2,2-Tetrachloroethane	94	91	70-130	3	25
Chloromethane	94	97	70-130	3	50
Vinyl chloride	99	101	70-130	2	25
Chloroethane	122	126	70-130	3	25
1,1-Dichloroethene	96	98	70-130	2	25
trans-1,2-Dichloroethene	98	100	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 08 Batch: WG341962-1 WG341962-2					
Trichloroethene	95	102	70-130	7	25
1,2-Dichlorobenzene	96	99	70-130	3	25
1,3-Dichlorobenzene	101	104	70-130	3	25
1,4-Dichlorobenzene	100	102	70-130	2	25
cis-1,2-Dichloroethene	96	97	70-130	1	25
Dichlorodifluoromethane	108	116	70-130	7	50
1,2-Dibromoethane	94	97	70-130	3	25
1,3-Dichloropropane	96	98	70-130	2	25
1,1,1,2-Tetrachloroethane	97	100	70-130	3	25
o-Chlorotoluene	89	96	70-130	8	25
p-Chlorotoluene	95	97	70-130	2	25
Hexachlorobutadiene	98	107	70-130	9	25
1,2,4-Trichlorobenzene	99	101	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	101		102		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

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): 01-07,09-10,12,14 QC Batch ID: WG341590-7 WG341590-8 QC Sample: L0815685-06 Client ID: MW-47M-20081023-01										
Methylene chloride	ND	10	12	125	12	120	70-130	4	30	
1,1-Dichloroethane	ND	10	10	102	9.7	97	70-130	5	30	
Chloroform	ND	10	12	116	11	112	70-130	4	30	
Carbon tetrachloride	ND	10	10	105	10	100	70-130	5	30	
1,2-Dichloropropane	ND	10	10	103	9.9	99	70-130	4	30	
Dibromochloromethane	ND	10	9.4	94	9.1	91	70-130	3	30	
1,1,2-Trichloroethane	ND	10	9.7	97	9.4	94	70-130	3	30	
Tetrachloroethene	0.57	10	11	102	10	96	70-130	6	30	
Chlorobenzene	ND	10	9.9	99	9.3	93	70-130	6	30	
1,2-Dichloroethane	ND	10	11	108	10	104	70-130	4	30	
1,1,1-Trichloroethane	ND	10	10	103	9.9	99	70-130	4	30	
Bromodichloromethane	ND	10	10	103	9.9	99	70-130	4	30	
trans-1,3-Dichloropropene	ND	10	9.5	95	8.9	89	70-130	7	30	
cis-1,3-Dichloropropene	ND	10	10	100	9.6	96	70-130	4	30	
Bromoform	ND	10	9.1	91	9.0	90	70-130	1	30	
1,1,2,2-Tetrachloroethane	ND	10	9.7	97	9.2	93	70-130	4	30	
Chloromethane	ND	10	9.2	92	8.4	84	70-130	9	30	
Vinyl chloride	ND	10	10	104	9.8	98	70-130	6	30	
Chloroethane	ND	10	13	130	12	122	70-130	6	30	
1,1-Dichloroethene	ND	10	11	109	10	101	70-130	8	30	
trans-1,2-Dichloroethene	ND	10	10	106	10	100	70-130	6	30	

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

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): 01-07,09-10,12,14 QC Batch ID: WG341590-7 WG341590-8 QC Sample: L0815685-06 Client ID: MW-47M-20081023-01										
Trichloroethene	19	10	26	74	27	77	70-130	4	30	
1,2-Dichlorobenzene	ND	10	9.8	98	9.3	93	70-130	5	30	
1,3-Dichlorobenzene	ND	10	10	101	9.6	96	70-130	5	30	
1,4-Dichlorobenzene	ND	10	9.9	99	9.4	94	70-130	5	30	
cis-1,2-Dichloroethene	2.9	10	12	92	12	91	70-130	1	30	
Dichlorodifluoromethane	ND	10	11	115	11	108	70-130	6	30	
1,2-Dibromoethane	ND	10	9.7	97	9.6	96	70-130	1	30	
1,3-Dichloropropane	ND	10	9.9	99	9.4	94	70-130	5	30	
1,1,1,2-Tetrachloroethane	ND	10	9.8	98	9.2	92	70-130	6	30	
o-Chlorotoluene	ND	10	9.3	93	8.7	87	70-130	7	30	
p-Chlorotoluene	ND	10	9.4	94	8.9	89	70-130	5	30	
Hexachlorobutadiene	ND	10	8.8	89	9.1	91	70-130	2	30	
1,2,4-Trichlorobenzene	ND	10	9.3	93	8.9	89	70-130	4	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	99		103		70-130
4-Bromofluorobenzene	90		91		70-130
Dibromofluoromethane	103		103		70-130
Toluene-d8	92		94		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

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): 08 QC Batch ID: WG341962-7 WG341962-8 QC Sample: L0815685-08 Client ID: MW-201D-20081023-01										
Methylene chloride	ND	10	12	122	13	133	70-130	9	30	
1,1-Dichloroethane	ND	10	9.6	96	10	104	70-130	8	30	
Chloroform	ND	10	11	113	12	123	70-130	8	30	
Carbon tetrachloride	ND	10	9.7	97	10	101	70-130	4	30	
1,2-Dichloropropane	ND	10	10	100	11	107	70-130	7	30	
Dibromochloromethane	ND	10	9.3	93	10	105	70-130	12	30	
1,1,2-Trichloroethane	ND	10	9.5	95	10	106	70-130	11	30	
Tetrachloroethene	ND	10	9.5	95	10	105	70-130	10	30	
Chlorobenzene	ND	10	9.9	99	11	106	70-130	7	30	
1,2-Dichloroethane	ND	10	10	104	11	112	70-130	7	30	
1,1,1-Trichloroethane	ND	10	9.6	96	10	103	70-130	7	30	
Bromodichloromethane	ND	10	10	102	11	110	70-130	8	30	
trans-1,3-Dichloropropene	ND	10	9.2	92	10	102	70-130	10	30	
cis-1,3-Dichloropropene	ND	10	10	102	11	109	70-130	7	30	
Bromoform	ND	10	9.3	93	9.8	98	70-130	5	30	
1,1,2,2-Tetrachloroethane	ND	10	9.8	98	10	102	70-130	4	30	
Chloromethane	ND	10	8.2	82	8.7	88	70-130	7	30	
Vinyl chloride	ND	10	8.7	87	9.4	94	70-130	8	30	
Chloroethane	ND	10	11	112	12	120	70-130	7	30	
1,1-Dichloroethene	ND	10	9.6	96	10	102	70-130	6	30	
trans-1,2-Dichloroethene	ND	10	9.7	98	10	105	70-130	7	30	

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

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): 08 QC Batch ID: WG341962-7 WG341962-8 QC Sample: L0815685-08 Client ID: MW-201D-20081023-01										
Trichloroethene	4.0	10	10	66	11	75	70-130	13	30	
1,2-Dichlorobenzene	ND	10	9.7	97	10	104	70-130	7	30	
1,3-Dichlorobenzene	ND	10	10	102	11	107	70-130	5	30	
1,4-Dichlorobenzene	ND	10	10	101	10	104	70-130	3	30	
cis-1,2-Dichloroethene	ND	10	9.7	97	10	105	70-130	8	30	
Dichlorodifluoromethane	ND	10	9.9	99	11	107	70-130	8	30	
1,2-Dibromoethane	ND	10	9.6	96	10	105	70-130	9	30	
1,3-Dichloropropane	ND	10	9.8	98	10	105	70-130	7	30	
1,1,1,2-Tetrachloroethane	ND	10	9.9	99	11	107	70-130	8	30	
o-Chlorotoluene	ND	10	9.5	95	9.9	99	70-130	4	30	
p-Chlorotoluene	ND	10	9.5	95	10	100	70-130	5	30	
Hexachlorobutadiene	ND	10	9.6	96	11	109	70-130	13	30	
1,2,4-Trichlorobenzene	ND	10	9.5	95	10	101	70-130	6	30	

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	99		100		70-130
4-Bromofluorobenzene	93		90		70-130
Dibromofluoromethane	103		105		70-130
Toluene-d8	92		93		70-130

METALS

Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-02

Date Collected: 10/22/08 09:10

Client ID: MW-214-20081022-01

Date Received: 10/23/08

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										
Potassium, Dissolved	3.5		mg/l	2.5	1	10/24/08 17:15	10/27/08 09:37	EPA 3005A	60,6010B	MG
Sodium, Dissolved	46		mg/l	2.0	1	10/24/08 17:15	10/27/08 09:37	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-04

Date Collected: 10/22/08 11:25

Client ID: MW-103-20081022-01

Date Received: 10/23/08

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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 17:15	10/27/08 10:55	EPA 3005A	60,6010B	MG
Sodium, Dissolved	65		mg/l	2.0	1	10/24/08 17:15	10/27/08 10:55	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-05

Date Collected: 10/22/08 12:50

Client ID: MW-213-20081022-01

Date Received: 10/23/08

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										
Potassium, Dissolved	3.3		mg/l	2.5	1	10/24/08 17:15	10/27/08 10:58	EPA 3005A	60,6010B	MG
Sodium, Dissolved	110		mg/l	2.0	1	10/24/08 17:15	10/27/08 10:58	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-06

Date Collected: 10/23/08 10:00

Client ID: MW-47M-20081023-01

Date Received: 10/23/08

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										
Potassium, Dissolved	4.0		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:01	EPA 3005A	60,6010B	MG
Sodium, Dissolved	16		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:01	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-08

Date Collected: 10/23/08 10:20

Client ID: MW-201D-20081023-01

Date Received: 10/23/08

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										
Potassium, Dissolved	ND		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:03	EPA 3005A	60,6010B	MG
Sodium, Dissolved	20		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:03	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-10

Date Collected: 10/22/08 10:40

Client ID: MW-33M-20081022-01

Date Received: 10/23/08

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										
Potassium, Dissolved	95		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:06	EPA 3005A	60,6010B	MG
Sodium, Dissolved	15		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:06	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-11

Date Collected: 10/22/08 11:45

Client ID: MW-33S-20081022-01

Date Received: 10/23/08

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										
Potassium, Dissolved	23		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:09	EPA 3005A	60,6010B	MG
Sodium, Dissolved	7.1		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:09	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-17

Date Collected: 10/23/08 14:00

Client ID: MW-117-20081023-01

Date Received: 10/23/08

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										
Potassium, Dissolved	2.9		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:32	EPA 3005A	60,6010B	MG
Sodium, Dissolved	96		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:32	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND**Lab Number:** L0815685**Project Number:** 0079387**Report Date:** 10/30/08**SAMPLE RESULTS**

Lab ID: L0815685-19

Date Collected: 10/23/08 11:15

Client ID: MW-47D-20081023-01

Date Received: 10/23/08

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										
Potassium, Dissolved	3.2		mg/l	2.5	1	10/24/08 17:15	10/27/08 11:36	EPA 3005A	60,6010B	MG
Sodium, Dissolved	100		mg/l	2.0	1	10/24/08 17:15	10/27/08 11:36	EPA 3005A	60,6010B	MG



Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

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): 02,04-06,08,10-11,17,19 Batch: WG341214-1								
Potassium, Dissolved	ND	mg/l	2.5	1	10/24/08 17:15	10/27/08 09:19	60,6010B	MG
Sodium, Dissolved	ND	mg/l	2.0	1	10/24/08 17:15	10/27/08 09:19	60,6010B	MG

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON WAYLAND

Project Number: 0079387

Lab Number: L0815685

Report Date: 10/30/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 02,04-06,08,10-11,17,19 Batch: WG341214-2 WG341214-3					
Potassium, Dissolved	100	110	80-120	10	20
Sodium, Dissolved	100	100	80-120	0	20

Project Name: RAYTHEON WAYLAND

Lab Number: L0815685

Project Number: 0079387

Report Date: 10/30/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815685-01A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-01B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-02A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-02B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-02C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-02D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-03A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-03B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-04A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-04B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-04C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-04D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-05A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-05B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-05C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-06A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-06B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-06C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-06W	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-06X	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-06Y	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-06Z	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-07A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-07B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)

*Hold days indicated by values in parentheses



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0815685-08D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-08W	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08X	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08Y	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-08Z	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-09A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-09B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-10A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-10B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-10C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-10D	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-11A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-11B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-11C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-12A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-12B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-13A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-13B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-14A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-14B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-15A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-15B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-16A	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-16B	Vial Na2S2O3 preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-17A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-17B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-17C	Plastic 250ml HNO3 preserved	B	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)
L0815685-18A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-19A	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-19B	Vial HCl preserved	B	N/A	2C	Y	Absent	MCP-8260-04(14)
L0815685-19C	Plastic 250ml HNO3 preserved	A	<2	2C	Y	Absent	MCP-NA-6010S(180),MCP-K-6010S(180)

Container Comments

*Hold days indicated by values in parentheses

Project Name: RAYTHEON WAYLAND**Project Number:** 0079387**Lab Number:** L0815685**Report Date:** 10/30/08**Container Information**

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

Container Comments

L0815685-15A

Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Report Format: Not Specified



Project Name: RAYTHEON WAYLAND
Project Number: 0079387

Lab Number: L0815685
Report Date: 10/30/08

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 Analytical 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 Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

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





CHAIN OF CUSTODY

PAGE 3 of 5

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM - Boston

Address: 399 Boylston St.

4th Floor, Boston MA 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: vanhagar.ma@hazardgroup.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Raytheon Wayland

Project Location: Wayland, MA

Project #: 0079387

Project Manager: Bahar Frost

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: 6/20/08 Time:

Report Information - Data Deliverables

FAX EMAIL
 BADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program MA Criteria MCP

Billing Information

Same as Client info PO #:

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

Are MCP Analytical Methods Required? Yes No
 Are Drinking Water Samples Submitted? Yes No
 Have you met minimum field QC requirements? Yes No

SAMPLE HANDLING

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

ANALYSIS
 CVOCs (8021B by 8260B)
 Diss. Na (FF)
 Diss. K (FF)
 CVOCs (8021B by 8260B)
 Diss. Na + K (FF)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS						Sample Specific Comments
		Date	Time			CVOCs (8021B by 8260B)	Diss. Na (FF)	Diss. K (FF)	CVOCs (8021B by 8260B)	Diss. Na + K (FF)	Other	
5085-01	MW-102-20081022-01	10/22/08	7:50	GW	EM	2	1	1	2	1	2	Permeate - preserved w/ Na Thiosulfate
02	MW-214-20081022-01		9:10									
03	MW-101-20081022-01		10:05			2	1	1	2	1	2	Purple - preserved w/ Na Thiosulfate
04	MW-103-20081022-01		11:25									
05	MW-213-20081022-01		12:50									
06	MW-47M-20081023-01	10/23/08	10:00	GW	BM							
06	MW-47M-20081023-01-MS											
06	MW-47M-20081023-01-MSD											
07	MW-201M-20081023-01	10/23/08	9:30		DM	2	1	1	2	1	2	
08	MW-201D-20081023-01		10:30		DM							

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Preservative	Date/Time	Received By:	Date/Time
V	P	10/23/08 15:25	[Signature]	10/23/08 15:25
E	P			
E	P			
B	P			
E	P			

IS YOUR PROJECT MCP?

Relinquished By: [Signature] Date/Time: 10/23/08 15:25
 Received By: [Signature] Date/Time: 10/23/08 15:25

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



CHAIN OF CUSTODY

Page 4 of 5

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-5220 FAX: 508-898-5193

Client Information

Client: EPM - BOSTON

Address: 399 ROUTE 1 ST. W FL.

BOSTON, MA 02116

Phone: 617-646-3800

Fax: 617-267-10447

Email: barbar.masihzadegan@alpha.com

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: PANTHER-WALKUP

Project Location: WALKUP, MA

Project #: 0079307

Project Manager: Barbar Masihzadegan

ALPHA Quote #:

Turn-Around Time

Standard RUSH only confirmed if pre-approved!

Date Due: Time:

DATA RECEIVED: 10/23/08

ALPHA Job #: 10815085

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program MCP - GW-1 Criteria

Billing Information

Same as Client info PO #:

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?

SAMPLE HANDLING

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

Sample Specific Comments

ALPHA Lab ID <small>(Lab Use Only)</small>	Sample ID	Collection		Sample Matrix	Sampler's Initials	Z	1	2	3	4	5
		Date	Time								
<u>5085-09</u>	<u>MW-115-20081022-01</u>	<u>10/21/08</u>	<u>09:10</u>	<u>GW</u>	<u>BM</u>	<u>2</u>					
<u>10</u>	<u>MW-33W-20081022-01</u>	<u>"</u>	<u>10:40</u>	<u>GW</u>	<u>BM</u>	<u>2</u>	<u>1</u>	<u>1</u>			
<u>11</u>	<u>MW-33S-20081022-01</u>	<u>"</u>	<u>11:45</u>	<u>GW</u>	<u>BM</u>	<u>2</u>					
<u>12</u>	<u>IP-17D-20081023-01</u>	<u>10/23/08</u>	<u>10:15</u>	<u>GW</u>	<u>CC</u>	<u>2</u>					
<u>13</u>	<u>IP-14D-20081023-01</u>	<u>"</u>	<u>11:05</u>	<u>"</u>	<u>EW</u>	<u>2</u>					
<u>14</u>	<u>IP-16S-20081023-01</u>	<u>"</u>	<u>11:25</u>	<u>"</u>	<u>"</u>	<u>2</u>					
<u>15</u>	<u>MW-405S-20081023-01</u>	<u>"</u>	<u>10:45</u>	<u>"</u>	<u>CC</u>	<u>2</u>					
<u>16</u>	<u>DUR-007-20081022-01</u>	<u>10/21/08</u>	<u>11:11</u>	<u>GW</u>	<u>EW</u>	<u>2</u>					
<u>17</u>	<u>MW-117-20081023-01</u>	<u>10/23/08</u>	<u>14:00</u>	<u>GW</u>	<u>EW</u>	<u>2</u>					

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP?

Container Type	Preservative	H	B	C	C	C	C
V	V	V	P	P	P	P	P
H	B	C	C	C	C	C	C

Relinquished By: [Signature] Date/Time: 10/23/08 15:25

Received By: [Signature] Date/Time: 10/23/08 15:25

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



Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-6193

CHAIN OF CUSTODY

Page 5 of 5

Client Information

Client: ERM-ROSTON

Address: 399 BOWLSTON ST. 6th FL.

Phone: 617-646-7800

Fax: 617-646-6447

Email: valmar.mass@valmar.com

Project Name: DAMHON-WAMANO

Project Location: WAMANO, MA

Project #: DD79307

Project Manager: Valmar Mastivadejan

ALPHA Quote #:

Turnaround Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: DAMHON-WAMANO

Project Location: WAMANO, MA

Project #: DD79307

Project Manager: Valmar Mastivadejan

ALPHA Quote #:

Turnaround Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

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?

Billing Information

Same as Client Info

PO #:

Date Rec'd in Lab: 10/23/08

Alpha Job #: 60815685

ANALYSIS
 VOCs (8031B by 8060B)
 Diss Na + K (FF)

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments
		Date	Time			
5085-18	JTB-001-20081023-01	10/23/08	11:11	GW	BM	1
08	MW-2010-20081023-01-M5		10:20		DM	2
08	MW-2010-20081023-01-M5D		10:20		DM	2
19	AMW-470-20081023-01		11:15	GW	BM	2
						3

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Preservative	Date/Time
V	P	
B	C	

IS YOUR PROJECT MCP ?

Relinquished By: [Signature] Date/Time: 10/23/08 1523

Received By: [Signature] Date/Time: 10/23/08 1523

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.