Environmental
Resources
Management

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20 November 2006
Reference: 0042924

Massachusetts Department of Environmental Protection
Northeast Regional Office
Bureau of Waste Site Cleanup
205B Lowell Street
Wilmington, MA 01887

RE: Remedy Operation Status Report
May 2006 through November 2006
Former Raytheon Facility
Wayland, Massachusetts
Release Tracking Number 3-13302, Tier IB Permit No. 133939

To Whom It May Concern:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is pleased to submit this Remedy Operation Status (ROS) report for the Former Raytheon Facility located at 430 Boston Post Road in Wayland, Massachusetts (Figure 1). This ROS report was prepared for the period from May 2006 through November 2006 to satisfy the requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0893. The original Massachusetts Department of Environmental Protection (Department) ROS transmittal form (BWSC 108) is attached to this report. A copy is included in Appendix A.

BACKGROUND

A Phase IV Completion Report was submitted on 24 November 2004 to the Department for portions of the approximately 83-acre property (Figure 2). For purposes of this document, the Site is defined as the portion of the Former Raytheon Property covered under Release Tracking Number (RTN) 3-13302 and Tier IB Permit Number 133939. The Phase IV Completion Report documented wetland remediation activities conducted from October 2003 through October 2004, and groundwater remediation activities conducted from May through July 2004.

Since completion of the Phase IV, ROS reports were submitted to the Department summarizing the following periods:

- ROS Status Report - December 2004 through April 2005, dated 20 May 2005;

- ROS Status Report - May 2005 through November 2005, dated 14 November 2005; and

- ROS Status Report - November 2005 through May 2006, dated 19 May 2006.

Since remedial activities did not include the installation of an active treatment system, this ROS will only discuss wetland and groundwater monitoring activities that have been conducted since the submission of the last ROS report.

In accordance with 310 CMR 40.0892(3), a Remedial Monitoring Report was not prepared since the Site does not have active Operation and Maintenance of a remedial action as part of this ROS.

MONITORING DATA

Wetlands Monitoring Activities

In 2006, ERM wetland scientists conducted the third annual monitoring program for the 2-acre remediation area, as required in federal, state and local permit documents. The purpose of the monitoring program is to gauge the progress of the remediation area in meeting success standards set forth by the U.S. Army Corps of Engineer (USACE), Wayland Conservation Commission (Commission), and the Massachusetts Department of Environmental Protection for the project, such as achieving a vegetative cover where at least 75 percent consists of native, non-invasive species. The Wayland Conservation Commission also requires the survival of 25 buttonbush shrubs (*Cephalanthus occidentallis*) planted along the stream in the northern portion of the main remediation area. The 2006 monitoring was performed at three different times during the growing season (16 May, 18 August, and 6 October) and involved collecting information on vegetation, soils, and hydrology. As part of the 6 October monitoring, ERM also classified the vegetative composition of the remediation area into five different categories based on wetland classification and dominance of invasive species and field-estimated the areal extent of each category on a Site drawing. ERM anticipates filing

the project's third-year monitoring report to the USACE, the Commission, and the Department by 15 December 2006.

The third-year monitoring by ERM indicates that the remediation area is not meeting wetland success standards due to the presence of two invasive plant species. The assessment found that progress has been made in controlling purple loosestrife (*Lythrum salicaria*) at the site, as it is not present in any significant quantities (less than one percent). However, despite control measures, barnyard grass (*Echinochloa crusgalli*) has spread significantly this past year and now dominates about 60 percent of the remediation area. The remaining 40 percent consists of the upland fringe and southern portions of the main remediation area (Area A), where native vegetation dominates. ERM cut the seed heads of barnyard grass and purple loosestrife in and adjacent to Area A on 5, 11, and 12 September 2006 to reduce the potential spread of seed to these upland and southern locations.

The August 2006 monitoring also found only 14 of the 25 planted buttonbush shrubs remaining along the stream. On 5 September 2006, ERM planted 11 additional buttonbush shrubs in the same general area. The shrubs were 3-4' tall and purchased from Garden in the Woods, a nursery located in Framingham, Massachusetts.

Groundwater Monitoring Activities

Groundwater monitoring was conducted in accordance with the Phase IV Completion Report, with modifications presented in the ROS Report dated 14 November 2005, to evaluate the efficacy of the in situ chemical oxidation (ISCO) treatment program over time. Monitoring activities were conducted from 22 to 28 September 2006. The groundwater monitoring program will continue until such time as sodium permanganate (permanganate) concentrations have significantly decreased in Site monitoring wells, concentrations of chemicals of concern (COCs) approach background, or applicable standards are achieved. The monitoring program includes the following wells (Figure 3):

- MW-102 Area (18 wells): MW-47S, MW-47M, MW-47D, MW-101, MW-102, MW-103, MW-201S, MW-201M, MW-201D, MW-203S, MW-203M, MW-203D, MW-204S, MW-204M, MW-204D, MW-213, MW-214 and MW-403;

- MW-33 Area (11 wells): MW-33S, MW-33M, MW-107, MW-109, MW-111, MW-113, MW-115, MW-202S, MW-202M, MW-208S and MW-208M;
- MW-43 Area (11 wells): MW-43S, MW-104, MW-105, MW-105M, MW-106, MW-106M, MW-209, MW-210, MW-211, MW-212 and MW-212M;
- MW-40 Area (two wells): MW-40 and MW-40S; and
- Main Building Area (seven wells): MW-117, MW-118, MW-404, MW-405S, IP-16S, IP-16D and IP-17D.

Monitoring activities include:

- Measurement of groundwater elevations;
- Visual determination of groundwater color (indicative of the presence of permanganate);
- Collection of groundwater samples for analysis of permanganate concentration;
- Measurement of groundwater geochemical field parameters, including temperature, conductivity, pH, dissolved oxygen (DO), and oxidation-reduction potential (ORP); and
- Collection of groundwater samples for laboratory analyses.

Geochemical parameters were only recorded for groundwater samples showing no visible permanganate color, because exposure of the water-quality instrumentation to permanganate would cause physical damage to the instrument. Table 1 summarizes the groundwater monitoring schedule for monitoring wells applicable to RTN 3-13302 for calendar year (CY) 2007.

Groundwater Gauging

ERM conducted groundwater gauging at all accessible Site monitoring wells on 22 September 2006 (Table 2). ERM calculated vertical hydraulic gradients from this data for the Site monitoring wells (Table 3). The upper and lower potentiometric surface maps for the September 2006 gauging event are presented in Figures 4 and 5, respectively.

Groundwater Monitoring – Physical Parameters, Color and Permanganate

Groundwater monitoring was conducted in September 2006. The results from the field parameter monitoring for monitoring wells applicable to RTN 3-13302 are summarized on Table 4.

Color and permanganate data collected for monitoring wells applicable to RTN 3-13302 are presented in Table 5. Color was employed as a tracer to monitor the presence, approximate concentration, and distribution of permanganate over time. Color observations confirmed the presence and persistence of residual permanganate in the application areas at varying, but generally decreasing, concentrations over time in each injection area.

Groundwater Monitoring – Laboratory Analyses

Groundwater samples were collected from those wells listed above for laboratory analyses of volatile organic compounds (VOCs) by EPA Method 8260B and dissolved sodium by EPA Method 6010B.

VOC and dissolved sodium analytical results for monitoring wells applicable to RTN 3-13302 are presented in Tables 6 and 7, respectively. The September 2006 trichloroethene (TCE) concentrations are shown on Figure 6. The laboratory analytical reports are presented in Appendix B.

Chloroform, bromodichloromethane, and dibromochloromethane were detected above their applicable Reportable Concentration for Groundwater (RCGW-1) in well MW-40. ERM will continue to monitor these compounds to determine the factualness of their detections. If necessary, a Release Notification Form for this release condition will be submitted.

REMEDY OPERATING STATUS OPINION

See BWSC Form 108 in Appendix A.

If you have any questions or comments in regard to this submittal please contact the undersigned at (617) 646-7800.

Sincerely,

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

Jeremy J. Picard, P.G.
Project Manager

enclosures:

Table 1	VOC Groundwater Monitoring Schedule for RTN 3-13302
Table 2	Summary of Groundwater Gauging Data
Table 3	Summary of Vertical Hydraulic Gradient Data
Table 4	Summary of Groundwater Field Parameter Measurements
Table 5	Summary of Groundwater Permanganate Concentration and Color
Table 6	Summary of Groundwater Analytical Results - VOCs
Table 7	Summary of Groundwater Analytical Results - Sodium

Figure 1	Site Locus Map
Figure 2	Remediation Site Plan
Figure 3	ISCO Treatment Areas
Figure 4	Upper Potentiometric Surface Map - September 2006
Figure 5	Lower Potentiometric Surface Map - September 2006
Figure 6	September 2006 TCE Concentration Map

Appendix A	BWSC Form (copy)
Appendix B	Laboratory Analytical Data Reports

cc: Louis Burkhardt, Raytheon
Benson Gould, CMG
Brian Monahan, Town of Wayland Conservation Commission
Public Repositories (2)
Paula Phillips, Congress Group

Tables

Table 1
VOC Groundwater Monitoring Schedule for RTN 3-13302
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Area of Concern	Laboratory Sampling Schedule	
		April	October
IP-16S	Southern Area	P	S
IP-16D	Southern Area	P	O
IP-17D	Southern Area	P	S
MW-33S	Southern Area	S	S
MW-33M	Southern Area	S	S
MW-40	Eastern Area	S	S
MW-40S	Eastern Area	S	S
MW-43S	Southern Area	S	S
MW-47S	Southern Area	S	S
MW-47M	Southern Area	S	S
MW-47D	Southern Area	S	S
MW-101	Southern Area	S	S
MW-102	Southern Area	S	S
MW-103	Southern Area	S	S
MW-104	Southern Area	S	S
MW-105	Southern Area	S	S
MW-105M	Southern Area	S	S
MW-106	Southern Area	S	S
MW-106M	Southern Area	S	S
MW-107	Southern Area	S	S
MW-109	Southern Area	S	S
MW-111	Southern Area	S	S
MW-113	Southern Area	S	S
MW-115	Southern Area	S	S
MW-117	Southern Area	Dry	S
MW-118	Southern Area	S	S
MW-201S	Southern Area	S	S
MW-201M	Southern Area	S	S
MW-201D	Southern Area	S	S
MW-202S	Southern Area	S	S
MW-202M	Southern Area	S	S
MW-203S	Southern Area	S	S
MW-203M	Southern Area	S	S
MW-203D	Southern Area	S	S
MW-204S	Southern Area	S	S
MW-204M	Southern Area	S	S
MW-204D	Southern Area	S	S
MW-208S	Southern Area	S	S
MW-208M	Southern Area	S	S
MW-209	Southern Area	S	S
MW-210	Southern Area	S	S
MW-211	Southern Area	S	S
MW-212	Southern Area	S	S
MW-212M	Southern Area	S	S
MW-213	Southern Area	P	S

Table 1
VOC Groundwater Monitoring Schedule for RTN 3-13302
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Area of Concern	Laboratory Sampling Schedule	
		April	October
MW-214	Southern Area	S	S
MW-216D	Eastern Area	S	S
MW-403	Southern Area	S	S
MW-404	Southern Area	P	S
MW-405S	Southern Area	P	S

Notes:

- = Not scheduled for sampling.

O = Not sampled, obstruction in well.

P = Not sampled because of high permanganate concentrations.

S = Sampled.

Dry = Not sampled because monitoring well had < 1 ft of water at time of sampling and purged dry.

Table 2
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Measuring Point Elevation (ft. ASL)	10 July 2006		22 September 2006	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
DEP-19S	120.79	3.65	117.14	3.53	117.26
DEP-19M	120.62	0.47	120.15	1.65	118.97
DEP-19D	120.78	0.50	120.28	1.68	119.10
DEP-20	119.98	0.00	117.96	1.01	118.97
DEP-21	119.18	-	-	0.76	118.42
HA-101	127.27	5.57	121.70	7.83	119.44
HA-102	128.14	12.14	116.00	14.35	113.79
HA-103	131.54	12.68	118.86	14.49	117.05
HA-104	132.39	15.05	117.34	17.90	114.49
IP-16S	134.77	Dry	Dry	16.61	118.16
IP-16D	134.74	15.48	119.26	16.98	117.76
IP-17S	134.80	16.02	118.78	16.41	118.39
IP-17D	134.83	16.18	118.65	18.18	116.65
MW-1S	133.79	8.75	125.04	11.92	121.87
MW-1M	133.78	12.10	121.68	13.79	119.99
MW-1D	133.74	13.30	120.44	15.04	118.70
MW-10	130.86	6.75	124.11	9.31	121.55
MW-32	124.41	3.35	121.06	15.90	108.51
MW-33S	133.58	14.92	118.66	17.70	115.88
MW-33M	133.77	16.88	116.89	18.31	115.46
MW-33D	133.57	16.95	116.62	18.30	115.27
MW-33B	133.67	16.56	117.11	18.38	115.29
MW-34	136.67	8.86	127.81	11.31	125.36
MW-37	134.43	14.10	120.33	16.28	118.15
MW-37M	134.40	16.40	118.00	17.74	116.66
MW-38	134.42	14.05	120.37	15.40	119.02
MW-40	134.84	13.46	121.38	15.04	119.80
MW-40S	134.82	13.40	121.42	14.92	119.90
MW-41	127.46	12.59	114.87	14.49	112.97
MW-42S	134.44	12.55	121.89	14.13	120.31
MW-43S	133.82	12.00	121.82	14.89	118.93
MW-43D	134.31	15.09	119.22	16.57	117.74
MW-44S	134.73	13.91	120.82	15.75	118.98
MW-44M	134.57	14.35	120.22	15.89	118.68
MW-44D	134.66	14.56	120.10	16.09	118.57
MW-45S	132.07	15.72	116.35	18.17	113.90
MW-45M	132.28	15.81	116.47	18.32	113.96
MW-45D	131.88	14.31	117.57	16.29	115.59
MW-45B	131.59	15.53	116.06	16.94	114.65
MW-46S	131.44	12.59	118.85	14.39	117.05
MW-46M	131.52	14.85	116.67	16.61	114.91
MW-47S	132.30	15.00	117.30	17.79	114.51
MW-47M	131.99	14.80	117.19	16.79	115.20
MW-47D	132.29	15.40	116.89	16.94	115.35
MW-101	134.60	16.50	118.10	19.42	115.18
MW-102	134.50	16.28	118.22	18.90	115.60
MW-103	134.50	14.67	119.83	16.47	118.03

Table 2
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Measuring Point Elevation (ft. ASL)	10 July 2006		22 September 2006	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
MW-104	134.22	12.99	121.23	15.13	119.09
MW-105	134.58	13.12	121.46	15.16	119.42
MW-105M	134.22	13.20	121.02	15.54	118.68
MW-106	134.63	13.31	121.32	15.94	118.69
MW-106M	134.63	15.56	119.07	16.75	117.88
MW-107	134.65	15.88	118.77	18.51	116.14
MW-108	134.69	15.84	118.85	18.72	115.97
MW-109	134.12	15.38	118.74	25.68	108.44
MW-110	134.04	14.60	119.44	15.44	118.60
MW-111	133.88	15.17	118.71	15.92	117.96
MW-112	133.68	14.50	119.18	17.48	116.20
MW-113	133.60	14.95	118.65	24.04	109.56
MW-114	133.48	14.71	118.77	17.61	115.87
MW-115	133.56	14.96	118.60	15.71	117.85
MW-116	133.72	14.80	118.92	17.82	115.90
MW-117	134.84	15.33	119.51	17.68	117.16
MW-118	134.88	15.45	119.43	16.96	117.92
MW-201S	132.38	14.85	117.53	17.64	114.74
MW-201M	132.19	14.65	117.54	17.29	114.90
MW-201D	132.10	15.15	116.95	16.68	115.42
MW-202S	132.74	14.66	118.08	17.68	115.06
MW-202M	132.98	15.75	117.23	17.91	115.07
MW-202D	132.72	15.94	116.78	17.40	115.32
MW-203S	132.50	15.83	116.67	18.36	114.14
MW-203M	132.39	15.65	116.74	18.20	114.19
MW-203D	132.14	14.98	117.16	16.91	115.23
MW-204S	132.98	15.31	117.67	17.96	115.02
MW-204M	132.02	15.07	116.95	17.71	114.31
MW-204D	132.30	15.50	116.80	16.94	115.36
MW-205S	131.98	14.91	117.07	17.69	114.29
MW-205M	132.12	15.26	116.86	17.81	114.31
MW-205D	131.98	15.32	116.66	16.79	115.19
MW-206S	130.82	14.66	116.16	17.00	113.82
MW-206M	130.75	14.55	116.20	16.90	113.85
MW-206D	130.66	14.50	116.16	15.96	114.70
MW-207S	129.16	13.19	115.97	15.40	113.76
MW-207M	129.29	13.56	115.73	15.68	113.61
MW-207D	129.10	12.49	116.61	13.48	115.62
MW-208S	132.14	14.61	117.53	17.50	114.64
MW-208M	132.38	15.10	117.28	17.79	114.59
MW-208D	132.38	15.65	116.73	17.11	115.27
MW-209	134.56	13.75	120.81	16.29	118.27
MW-210	134.48	15.16	119.32	16.67	117.81
MW-211	135.26	13.54	121.72	15.24	120.02
MW-212	134.39	13.21	121.18	15.21	119.18
MW-212M	133.84	16.68	117.16	16.68	117.16
MW-213	134.84	15.49	119.35	**	**

Table 2
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Measuring Point Elevation (ft. ASL)	10 July 2006		22 September 2006	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
MW-214	134.60	16.80	117.80	19.49	115.11
MW-215S	133.42	12.92	120.50	14.20	119.22
MW-215M	133.48	12.96	120.52	14.28	119.20
MW-215D	133.44	13.65	119.79	14.81	118.63
MW-216S	134.54	13.30	121.24	14.85	119.69
MW-216M	134.59	13.32	121.27	14.91	119.68
MW-216D	134.59	14.65	119.94	15.93	118.66
MW-217S	130.06	11.44	118.62	14.26	115.80
MW-217M	130.44	12.59	117.85	14.96	115.48
MW-217D	130.20	12.88	117.32	14.25	115.95
MW-218S	130.24	12.71	117.53	15.10	115.14
MW-218M	130.16	13.24	116.92	15.33	114.83
MW-218D	130.02	13.00	117.02	13.33	116.69
MW-219S	118.12	3.44	114.68	4.11	114.01
MW-219M	118.09	2.49	115.60	3.39	114.70
MW-219D	117.95	2.25	115.70	3.49	114.46
MW-220S	117.09	3.21	113.88	4.10	112.99
MW-220M	117.29	2.08	115.21	3.11	114.18
MW-220D	116.99	0.10	116.89	2.44	114.55
MW-221M	120.07	2.24	117.83	3.11	116.96
MW-221D	120.22	2.90	117.32	4.19	116.03
MW-261S	131.28	10.10	121.18	11.98	119.30
MW-262S	129.60	8.10	121.50	9.99	119.61
MW-262M	130.52	12.45	118.07	14.16	116.36
MW-262D	129.73	10.70	129.73	12.29	117.44
MW-263S	127.96	7.20	120.76	9.22	118.55
MW-263M	127.77	7.45	120.32	8.59	119.37
MW-264S	126.32	6.28	120.04	8.31	118.01
MW-264M	126.28	6.20	120.08	7.80	118.48
MW-264D	126.63	8.40	118.23	10.18	116.45
MW-265S	130.06	8.10	121.96	11.82	118.24
MW-265M	129.89	9.85	120.04	11.51	118.38
MW-265D	130.07	11.70	118.37	13.47	116.60
MW-266S	126.79	9.00	117.79	10.08	116.71
MW-266Ma	127.72	8.60	119.12	10.29	117.43
MW-266Mb	126.88	9.60	117.28	9.45	117.43
MW-266D	127.70	9.48	118.22	11.19	116.51
MW-266B	128.14	7.60	120.54	11.32	116.82
MW-267S	125.30	7.40	117.90	9.06	116.24
MW-267M	125.40	7.65	117.75	9.34	116.06
MW-267D	125.88	8.00	117.88	9.74	116.14
MW-267B	124.02	6.15	117.87	8.10	115.92
MW-268S	123.66	6.20	117.46	7.73	115.93
MW-268M	123.41	6.30	117.11	7.78	115.63
MW-268D	124.86	7.70	117.16	9.43	115.43
MW-268B	122.34	5.20	117.14	6.69	115.65
MW-269S	125.54	8.22	117.32	10.64	114.90

Table 2
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	Measuring Point Elevation (ft. ASL)	10 July 2006		22 September 2006	
		Depth to Water (ft. below measuring point)	**Potentiometric Surface Elevation** (ft. ASL)	**Depth to Water** (ft. below measuring point)	**Potentiometric Surface Elevation** (ft. ASL)
MW-269Ma	124.96	8.70	116.26	10.44	114.52
MW-269Mb	125.42	8.60	116.82	10.33	115.09
MW-269D	125.34	10.13	115.21	11.59	113.75
MW-307	124.86	10.00	114.86	10.71	114.15
MW-313S	114.61	-	-	3.81	110.80
MW-313D	114.37	-	-	1.62	112.75
MW-314S	114.10	*	*	*	*
MW-314D	114.09	2.60	111.49	*	*
MW-315S	114.07	2.30	111.77	+	+
MW-315D	113.79	*	*	*	*
MW-403	134.39	17.39	117.00	18.89	115.50
MW-404	134.94	16.70	118.24	16.85	118.09
MW-405S	134.90	15.90	119.00	18.32	116.58
MW-551	129.30	8.02	121.28	10.02	119.28
MW-552	130.09	8.92	121.17	10.77	119.32
MW-553	130.33	9.00	121.33	10.83	119.50
MW-554S	120.93	8.68	112.25	9.22	111.71
MW-554Ma	120.82	5.01	115.81	6.22	114.60
MW-554Mb	120.96	5.83	115.13	5.91	115.05
MW-554D	120.96	5.70	115.26	6.59	114.37
MW-555S	121.10	8.24	112.86	9.83	111.27
MW-555Ma	121.25	4.90	116.35	6.48	114.77
MW-555Mb	121.26	4.63	116.63	7.23	114.03
MW-555D	121.19	5.32	115.87	7.00	114.19
MW-556S	120.93	9.42	111.51	10.26	110.67
MW-556M	121.00	5.12	115.88	6.43	114.57
MW-556D	120.92	5.15	115.77	6.44	114.48
MW-TP-3	131.08	9.40	121.68	11.64	119.44

Notes:
- = Not measured / not accessible.
* = Well damaged, water level not recorded.
** = Not measured, obstruction in well.
+ = Well destroyed, water level not recorded.
Dry = Not measured, well dry.

Table 3
Summary of Vertical Hydraulic Gradient Data
Former Raytheon Facility
Wayland, Massachusetts

	10 July 2006			22 September 2006		
Well Designation	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**
MW-33S	118.66	0.08850	Down	115.88	0.02100	Down
MW-33M	116.89			115.46		
MW-33M	116.89	0.02700	Down	115.46	0.01900	Down
MW-33D	116.62			115.27		
MW-33D	116.62	-0.02333	Up	115.27	-0.00095	Up
MW-33B	117.11			115.29		
MW-37	120.33	0.07639	Down	118.15	0.04885	Down
MW-37M	118.00			116.66		
MW-40	121.38	-0.00381	Up	119.80	-0.00952	Up
MW-40S	121.42			119.90		
MW-43S	121.82	0.07429	Down	118.93	0.03400	Down
MW-43D	119.22			117.74		
MW-44S	120.82	0.03750	Down	118.98	0.01875	Down
MW-44M	120.22			118.68		
MW-44M	120.22	0.00600	Down	118.68	0.00550	Down
MW-44D	120.10			118.57		
MW-45S	116.35	-0.01091	Up	113.90	-0.00545	Up
MW-45M	116.47			113.96		
MW-45M	116.47	-0.03667	Up	113.96	-0.05433	Up
MW-45D	117.57			115.59		
MW-45D	117.57	0.07865	Up	115.59	0.04896	Up
MW-45B	116.06			114.65		
MW-46S	118.85	0.08720	Up	117.05	0.08560	Up
MW-46M	116.67			114.91		
MW-47S	117.30	0.00786	Down	114.51	-0.04929	Up
MW-47M	117.19			115.20		
MW-47M	117.19	0.01429	Down	115.20	-0.00714	Up
MW-47D	116.89			115.35		
MW-105	121.46	-5.50000	Up	119.42	-9.25000	Up
MW-105M	121.02			118.68		
MW-106	121.32	37.50000	Down	118.69	13.50000	Down
MW-106M	119.07			117.88		

Table 3
Summary of Vertical Hydraulic Gradient Data
Former Raytheon Facility
Wayland, Massachusetts

	10 July 2006			22 September 2006		
Well Designation	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**
MW-201S	117.53	-0.00133	Up	114.74	-0.02133	Up
MW-201M	117.54			114.90		
MW-201M	117.54	0.01553	Down	114.90	-0.01368	Up
MW-201D	116.95			115.42		
MW-202S	118.08	0.06296	Down	115.06	-0.00074	Up
MW-202M	117.23			115.07		
MW-202M	117.23	0.01957	Down	115.07	-0.01087	Up
MW-202D	116.78			115.32		
MW-203S	116.67	-0.00298	Up	114.14	-0.00213	Up
MW-203M	116.74			114.19		
MW-203M	116.74	-0.02100	Up	114.19	-0.05200	Up
MW-203D	117.16			115.23		
MW-204S	117.67	0.02717	Down	115.02	0.02679	Down
MW-204M	116.95			114.31		
MW-204M	116.95	0.00577	Down	114.31	-0.04038	Up
MW-204D	116.80			115.36		
MW-205S	117.07	0.00764	Down	114.29	-0.00073	Up
MW-205M	116.86			114.31		
MW-205M	116.86	0.00870	Down	114.31	-0.03826	Up
MW-205D	116.66			115.19		
MW-206S	116.16	-0.00113	Up	113.82	-0.00085	Up
MW-206M	116.20			113.85		
MW-206M	116.20	0.00174	Down	113.85	-0.03696	Up
MW-206D	116.16			114.70		
MW-207S	115.97	0.00527	Down	113.76	0.00330	Down
MW-207M	115.73			113.61		
MW-207M	115.73	-0.05176	Up	113.61	-0.11824	Up
MW-207D	116.61			115.62		
MW-208S	117.53	0.00909	Down	114.64	0.00182	Down
MW-208M	117.28			114.59		
MW-208M	117.28	0.02895	Down	114.59	-0.03579	Up
MW-208D	116.73			115.27		
MW-212	121.18	0.51276	Down	119.18	0.25765	Down
MW-212M	117.16			117.16		

Table 3
Summary of Vertical Hydraulic Gradient Data
Former Raytheon Facility
Wayland, Massachusetts

	10 July 2006			22 September 2006		
Well Designation	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**	**Head Elevation** (ft)	**Vertical Hydraulic Gradient** (ft/ft)	**Direction**
MW-215S	120.50	-0.00267	Up	119.22	0.00267	Down
MW-215M	120.52			119.20		
MW-215M	120.52	0.03744	Down	119.20	0.02923	Down
MW-215D	119.79			118.63		
MW-216S	121.24	-0.00261	Up	119.69	0.00087	Down
MW-216M	121.27			119.68		
MW-216M	121.27	0.05115	Down	119.68	0.03923	Down
MW-216D	119.94			118.66		
MW-217S	118.62	0.03422	Down	115.80	0.01422	Down
MW-217M	117.85			115.48		
MW-217M	117.85	0.02585	Down	115.48	-0.02293	Up
MW-217D	117.32			115.95		
MW-218S	117.53	0.02000	Down	115.14	0.01016	Down
MW-218M	116.92			114.83		
MW-218M	116.92	-0.00278	Up	114.83	-0.05167	Up
MW-218D	117.02			116.69		
MW-219S	114.68	-0.01752	Up	114.01	-0.01314	Up
MW-219M	115.60			114.70		
MW-219M	115.60	-0.00870	Up	114.70	0.02087	Down
MW-219D	115.70			114.46		
MW-220S	113.88	-0.02533	Up	112.99	-0.02267	Up
MW-220M	115.21			114.18		
MW-220M	115.21	-0.04667	Up	114.18	-0.01028	Up
MW-220D	116.89			114.55		
MW-221M	117.83	0.02684	Down	116.96	0.04895	Down
MW-221D	117.32			116.03		
MW-405S	119.00	0.06783	Down	116.58	-0.01357	Up
IP-17D	118.65			116.65		
IP-16S	-	-	-	118.16	0.03806	Down
IP-16D	119.26			117.76		

Notes:

(-) Vertical hydraulic gradient represents upward groundwater flow.

(+) Vertical hydraulic gradient represents downward groundwater flow.

Table 4
Summary of Groundwater Field Parameter Measurements
Former Raytheon Facility
Wayland, Massachusetts

Well Designation	September 2006				
	Temperature (°C)	pH (standard units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)
IP-16S	NMP	NMP	NMP	NMP	NMP
IP-16D	-	-	-	-	-
IP-17D	NMP	NMP	NMP	NMP	NMP
MW-33S	16.45	5.81	208.7	3.87	98
MW-33M	15.29	8.05	-62.5	0.49	392
MW-40	15.88	7.00	111.4	8.94	456
MW-40S	NMP	NMP	NMP	NMP	NMP
MW-43S	15.14	7.20	253.7	5.15	914
MW-47S	NMH	NMH	NMH	NMH	NMH
MW-47M	15.15	7.54	-106.8	0.54	395
MW-47D	NMH	NMH	NMH	NMH	NMH
MW-101	16.10	6.72	305.8	1.04	821
MW-102	NMP	NMP	NMP	NMP	NMP
MW-103	15.22	7.26	158.2	7.22	757
MW-104	16.48	7.71	389.2	6.69	512
MW-105	NMP	NMP	NMP	NMP	NMP
MW-105M	NMH	NMH	NMH	NMH	NMH
MW-106	NMP	NMP	NMP	NMP	NMP
MW-106M	NMH	NMH	NMH	NMH	NMH
MW-107	NMH	NMH	NMH	NMH	NMH
MW-109	14.62	6.80	107.0	0.47	420
MW-111	14.65	5.62	152.9	0.40	424
MW-113	15.69	6.46	134.1	0.20	491
MW-115	15.14	6.40	74.1	0.24	606
MW-117	17.68	7.46	195.7	8.79	6.59
MW-118	NMH	NMH	NMH	NMH	NMH
MW-201S	NMP	NMP	NMP	NMP	NMP
MW-201M	16.87	7.15	41.6	0.26	927
MW-201D	NMH	NMH	NMH	NMH	NMH
MW-202S	16.09	6.40	144.3	7.02	183
MW-202M	14.87	6.12	138.7	0.78	156
MW-203S	18.58	7.65	67.7	8.13	302
MW-203M	14.83	6.15	207.0	4.09	826
MW-203D	16.09	6.48	0.2	0.38	732
MW-204S	17.07	7.41	45.5	8.35	134
MW-204M	16.35	6.13	108.7	1.11	237
MW-204D	16.76	7.16	-36.8	0.87	432
MW-208S	16.70	7.33	190.1	8.44	314
MW-208M	NMH	NMH	NMH	NMH	NMH
MW-209	19.61	6.73	205.6	7.31	532
MW-210	NMH	NMH	NMH	NMH	NMH
MW-211	14.91	6.72	235.5	0.80	745
MW-212	Dry	Dry	Dry	Dry	Dry
MW-212M	15.05	6.89	174.2	3.11	745
MW-213	NMP	NMP	NMP	NMP	NMP
MW-214	17.46	6.87	82.7	1.72	485
MW-403	NMH	NMH	NMH	NMH	NMH
MW-404	NMP	NMP	NMP	NMP	NMP
MW-405S	NMP	NMP	NMP	NMP	NMP

Notes:
- = Obstruction in well, parameters not measured.
NMP = Not measured due to visual presence of permanganate.
NMH = Not measured due to conductivity over 1,000 µS/cm or ORP over 400 mV. Sampled after purging well.
Dry = Not measured, well purged dry.

Table 5
Summary of Groundwater Permanganate Concentration and Color
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts

Well Designation	Visual Permanganate Presence								Permanganate Concentration (ppm)							
	Apr-2004	Jul-2004	Sep-2004	Dec-2004	Apr-2005	Oct-2005	Apr-2006	Sep-2006	Apr-2004	Jul-2004	Sep-2004	Dec-2004	Apr-2005	Oct-2005	Apr-2006	Sep-2006
IP-16S		Dark Purple		Purple	Dark Purple	Purple	Purple	Purple		3,560		2,200	5,140	1,130	670	907
IP-16D		Purple	Pink	Dark Purple	Dark Purple		Magenta			165	76	5,330	6,850		225	
IP-17S		Dark Purple	Dark Purple	Purple		Light Pink				5,310	1,010	397		110		
IP-17D		Dark Purple	Purple	Dark Purple	Dark Purple	Pink	Light Pink	Clear		8,770	230	3,400	5,140	99	24.5	-
MW-33S	Clear			Clear	Clear	Clear	Clear	Clear				-	-	-	-	-
MW-33M	Clear			Clear	Clear	Clear	Clear	Clear				-	-	-	-	-
MW-33D			Clear	Clear							-	-				
MW-33B			Clear	Clear							-	-				
MW-40	Clear	Clear		Clear	Clear		Clear	Clear		-		-	0.6		-	-
MW-40S		Light Pink		Pink	Light Pink	Light Pink*	Light Pink	Light Pink		9.2		86	7.8	55	20.6	3.4
MW-42S			Clear	Clear							-	-				
MW-43S	Clear	Light Pink		Dark Purple	Light Pink	Clear	Clear	Clear		13.0		1500	60	0.9	-	-
MW-43D		Clear		Clear						-		-				
MW-45S	Clear			Clear								-				
MW-45M	Clear			Clear								-				
MW-45D	Clear			Clear								-				
MW-47S	Clear	Clear		Clear	Light Purple	Pink	Light Pink	Light Pink		-		-	37	10.9	19.5	3.9
MW-47M	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	1.4	-	1.6	-
MW-47D	Clear	Clear		Clear	Clear	Light Pink	Clear	Clear		-		-	-	1.0	-	-
MW-101	Clear	Light Pink		Dark Purple	Dark Pink	Pink	Light Pink	Clear		6.0		1,700	240	65.7	9.6	-
MW-102	Clear	Dark Purple		Magenta	Light Pink	Clear	Clear	Purple		830		78.8	5.8	1.0	-	243
MW-103	Clear	Clear		Clear	Clear	Light Pink	Clear	Clear		-		-	-	1.0	2.2	-
MW-104	Clear	Dark Purple		Light Pink	Clear	Dark Pink	Clear	Clear		4,770		43.1	-	47.1	-	-
MW-105	Clear	Dark Purple		Dark Purple	Pink	Dark Pink	Clear	Pink		1,140		1,710	106	131	-	11.4
MW-105M	Pink	Dark Purple		Dark Purple	Dark Purple	Pink	Pink	Clear		961		1,300	510	34.7	29.6	-
MW-106	Pink	Dark Purple		Dark Purple	Light Pink	Clear	Clear	Clear		3,390		16,200	8.8	-	-	-
MW-106M	Purple	Dark Purple		Purple	Pink	Light Pink	Clear	Clear		666		400	99	4.7	1.3	-
MW-107	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	-	-
MW-108			Clear	Clear							-	1.3				
MW-109	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	16	1.1	-	-
MW-110			Pink	Clear							76.4	-				
MW-111	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	4.2	-	-	-
MW-112	Clear		Clear	Clear							-	1.4				
MW-113	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	4.0	-
MW-114	Clear		Clear	Clear							-	-				
MW-115	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	2.3	-	-	-
MW-116	Clear		Clear	Clear							-	-				
MW-117	Clear	Clear		Clear	Clear			Clear		-		-	3.3			-
MW-118	Clear	Clear		Clear	Light Pink	Pink	Light Pink	Clear		-		-	12.4	260	22.9	-
MW-201S	Clear	Purple		Pink	Clear	Purple	Clear	Magenta		790		78.8	3.8	240	-	49.7
MW-201M	Clear	Purple		Pink	Clear	Clear	Clear	Clear		21,000		21.4	-	-	-	-
MW-201D	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	1.2	1.5	-

Table 5
Summary of Groundwater Permanganate Concentration and Color
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts

Well Designation	Visual Permanganate Presence								Permanganate Concentration (ppm)							
	Apr-2004	Jul-2004	Sep-2004	Dec-2004	Apr-2005	Oct-2005	Apr-2006	Sep-2006	Apr-2004	Jul-2004	Sep-2004	Dec-2004	Apr-2005	Oct-2005	Apr-2006	Sep-2006
MW-202S	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	1.1	-	-
MW-202M	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	-	-
MW-202D	Clear	Clear		Clear						-		-				
MW-203S	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	1.2	-	-
MW-203M	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	1.3	6.6	-
MW-203D	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	4.9	1.0	-	-
MW-204S	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	1.3	-	-
MW-204M	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	2.5	-	-	-
MW-204D	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	2.3	-	-	-
MW-205S	Clear			Clear								-				
MW-205M	Clear			Clear								-				
MW-205D	Clear			Clear								-				
MW-208S	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	-	-
MW-208M	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	0.9	4.7	-
MW-208D	Clear			Clear								-				
MW-209	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	1.5	-	10.5	-
MW-210	Purple/Pink	Dark Purple		Dark Purple	Dark Purple	Light Purple	Light Pink	Clear		360		2,570	1,010	220	15.7	-
MW-211	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	-	-
MW-212	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	-	-	-	-
MW-212M	Pink	Pink		Clear	Clear	Clear	Clear	Clear		24.0		-	1.6	-	-	-
MW-213	Clear	Clear		Light Pink	Clear	Light Pink	Clear	Trace Pink		-		10.9	1.0	-	-	-
MW-214	Clear	Dark Purple		Clear	Clear	Clear	Clear	Clear		720		-	3.8	2.1	-	-
MW-216S			Clear	Clear							1.3	1.0				
MW-216M			Clear	Clear							-	-				
MW-216D			Clear	Clear			Clear	Clear			-	-			-	-
MW-403	Clear	Clear		Clear	Clear	Clear	Clear	Clear		-		-	5.6	1.2	-	-
MW-404	Clear	Dark Purple		Dark Purple	Dark Purple	Dark Purple	Dark Purple	Purple		22,500		14,400	9,520	8,490	2,830	1,160
MW-405S	Clear	Dark Purple		Dark Purple	Dark Purple	Purple	Purple	Purple		3,570		3,390	2,860	2,000	810	1,550
MW-405D		Dark Purple								8,720						

Notes:
Blank cells indicate a sample that was not analyzed.
- = Not detected.
* = MW-40S turned light pink after 20 minutes of purging.

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	IP-16S 20-Jul-04	IP-16S 22-Jul-04	IP-16S 8-Dec-04	IP-16S 14-Apr-05	IP-16S 14-Oct-05	IP-16S 3-Apr-06	IP-16S 27-Sep-06	IP-16D 22-Jul-04	IP-16D 8-Dec-04	IP-16D 14-Apr-05	IP-16D 3-Apr-06	IP-17D 22-Jul-04	IP-17D 8-Dec-04	IP-17D 14-Apr-05	IP-17D 14-Oct-05	IP-17D 3-Apr-06	IP-17D 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM	NM	NM	NM	NM		NM	NM	NM	NM	NM	NM	NM	NM	NM	
Tetrachloroethene	5		-						-										-
Trichloroethene	5		-						-										**98**
cis-1,2-Dichloroethene	70		-						-										1.5
1,1,1-Trichloroethane	200		-						-										-
1,1-Dichloroethene	70		-						-										-
1,1-Dichloroethane	7		-						-										0.77
Chlorobenzene	100		-						-										-
Chloroform	5		-						-										1.1
Bromodichloromethane	3		-						-										-
Didbromochloromethane	2		-						-										-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-33S 29-Apr-04	MW-33S 10-Dec-04	MW-33S 10-Dec-04 DUP	MW-33S 12-Apr-05	MW-33S 11-Oct-05	MW-33S 3-Apr-06	MW-33S 28-Sep-06	MW-33M 29-Apr-04	MW-33M 29-Apr-04 DUP	MW-33M 9-Dec-04	MW-33M 12-Apr-05	MW-33M 11-Oct-05	MW-33M 4-Apr-06	MW-33M 28-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		**100**	**560**	**590**	**73**	**180**	**190**	**140**	**10**	**8.2**	**9.3**	**11**	**12**	**14**	**10**
cis-1,2-Dichloroethene	70		-	1.6	-	-	-	-	-	1.1	1.2	1.7	1.8	2.3	2.1	2.2
1,1,1-Trichloroethane	200		28	150	170	22	51	57	34	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-	4.6	-	1.1	6.1	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	7		-	1.6	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-40 28-Apr-04	MW-40 28-Apr-04 DUP	MW-40 10-Dec-04	MW-40 11-Apr-05	MW-40 11-Apr-05 DUP	MW-40 12-Oct-05	MW-40 4-Apr-06	MW-40 4-Apr-06 DUP	MW-40 26-Sep-06	MW-40 26-Sep-06 DUP	MW-40S 28-Apr-04	MW-40S 20-Jul-04	MW-40S 10-Dec-04	MW-40S 11-Apr-05	MW-40S 12-Oct-05	MW-40S 4-Apr-06	MW-40S 26-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)														NM					
Tetrachloroethene	5		1.4	1.3	0.88	1.4	1.5	1.6	0.67	0.80	0.52	0.59	-		-	-	-	-	-
Trichloroethene	5		**6.8**	**5.5**	4.1	**6.5**	**6.3**	5.3	4.0	4.5	2.9	3.3	2.6		1.7	4.5	1.5	2.5	1.4
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
Chloroform	5		-	-	-	-	-	2.8	**7.1**	**5.8**	**8.2**	**9.1**	-		-	-	-	-	1.0
Bromodichloromethane	3		-	-	-	-	-	0.87	2.4	2.2	**4.2**	**5.0**	-		-	-	-	-	0.80
Didbromochloromethane	2		-	-	-	-	-	-	0.72	0.74	**3.2**	**3.5**	-		-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-43S 27-Apr-04	MW-43S 8-Dec-04	MW-43S 13-Apr-05	MW-43S 12-Oct-05	MW-43S 4-Apr-06	MW-43S 28-Sep-06	MW-47S 28-Apr-04	MW-47S 23-Jul-04	MW-47S 9-Dec-04	MW-47S 12-Apr-05	MW-47S 12-Oct-05	MW-47S 5-Apr-06	MW-47S 26-Sep-06	MW-47S 26-Sep-06 DUP
Volatile Organic Compounds (VOCs) (µg/L)				NM								NM				
Tetrachloroethene	5		3.9		1.2	0.58	3.4	2.0	0.66	-	1.7		1.5	1.3	-	-
Trichloroethene	5		**92**		**49**	3.4	**51**	**28**	**25**	**11**	1.6		-	-	-	-
cis-1,2-Dichloroethene	70		-		-	-	-	-	-	-	-		-	-	-	-
1,1,1-Trichloroethane	200		-		-	-	-	-	6.4	3.1	0.66		-	0.92	0.87	1.4
1,1-Dichloroethene	70		-		-	-	-	-	-	-	-		-	-	-	-
1,1-Dichloroethane	7		-		-	-	-	-	-	-	-		-	-	-	-
Chlorobenzene	100		-		-	-	-	-	-	-	-		-	-	-	-
Chloroform	5		-		-	-	-	-	-	-	-		-	-	-	-
Bromodichloromethane	3		-		-	-	-	-	-	-	-		-	-	-	-
Didbromochloromethane	2		-		-	-	-	-	-	-	-		-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-47M 28-Apr-04	MW-47M 23-Jul-04	MW-47M 9-Dec-04	MW-47M 11-Apr-05	MW-47M 10-Oct-05	MW-47M 5-Apr-06	MW-47M 5-Apr-06 DUP	MW-47M 27-Sep-06	MW-47D 28-Apr-04	MW-47D 23-Jul-04	MW-47D 9-Dec-04	MW-47D 11-Apr-05	MW-47D 10-Oct-05	MW-47D 10-Oct-05 DUP	MW-47D 5-Apr-06	MW-47D 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																		
Tetrachloroethene	5		-	1.4	0.57	-	-	-	-	-	0.62	1.5	1.3	1.1	1.1	1.2	2.2	1.6
Trichloroethene	5		**150**	**47**	**100**	**120**	**82**	**14**	**14**	**64**	**18**	**24**	**16**	**23**	**30**	**30**	**56**	**9.8**
cis-1,2-Dichloroethene	70		6.3	3.9	7.6	7.1	5.7	1.7	1.4	4.7	1.3	3.3	2.5	3.7	5.4	5.3	5.2	1.1
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	0.52	0.82	0.54	0.75	1.4	1.3	0.99	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-101 28-Apr-04	MW-101 9-Dec-04	MW-101 11-Apr-05	MW-101 12-Oct-05	MW-101 3-Apr-06	MW-101 25-Sep-06	MW-102 27-Apr-04	MW-102 27-Apr-04 DUP	MW-102 9-Dec-04	MW-102 11-Apr-05	MW-102 12-Oct-05	MW-102 4-Apr-06	MW-102 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM	NM	NM									
Tetrachloroethene	5		-				-	-	-	-	-	-	-	-	-
Trichloroethene	5		**9.9**				**-**	1.4	**240**	**270**	**230**	**240**	**590**	**450**	**79**
cis-1,2-Dichloroethene	70		-				-	-	6.2	6.6	3.4	3.6	13	6.6	1.2
1,1,1-Trichloroethane	200		2.3				-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-				-	-	-	-	-	-	**7.3**	-	-
1,1-Dichloroethane	7		-				-	-	-	-	-	-	-	-	1.8
Chlorobenzene	100		-				-	-	-	-	-	-	-	-	-
Chloroform	5		-				-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-				-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-				-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-103 27-Apr-04	MW-103 9-Dec-04	MW-103 13-Apr-05	MW-103 11-Oct-05	MW-103 4-Apr-06	MW-103 25-Sep-06	MW-104 28-Apr-04	MW-104 9-Dec-04	MW-104 13-Apr-05	MW-104 12-Oct-05	MW-104 4-Apr-06	MW-104 28-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)														
Tetrachloroethene	5		0.56	0.50	-	-	-	-	3.2	-	1.3	-	2.0	2.8
Trichloroethene	5		2.2	2.0	1.0	1.4	1.2	1.3	**110**	**-**	**15**	0.61	**23**	**38**
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-105 27-Apr-04	MW-105 9-Dec-04	MW-105 13-Apr-05	MW-105 11-Oct-05	MW-105 11-Oct-05 DUP	MW-105 4-Apr-06	MW-105 28-Sep-06	MW-105M 27-Apr-04	MW-105M 14-Apr-05	MW-105M 11-Oct-05	MW-105M 4-Apr-06	MW-105M 28-Sep-06	MW-106 27-Apr-04	MW-106 8-Dec-04	MW-106 13-Apr-05	MW-106 12-Oct-05	MW-106 5-Apr-06	MW-106 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM																
Tetrachloroethene	5		2.0		-	-	-	1.2	-	0.80	-	-	0.50	-	2.6	-	3.5	-	2.3	1.6
Trichloroethene	5		**43**		**-**	**-**	**-**	**15**	0.86	**13**	**-**	0.83	3.4	3.2	**40**	**-**	**36**	3.2	**25**	**14**
cis-1,2-Dichloroethene	70		-		-	-	-	-	1.8	0.70	-	1.5	1.9	2.1	-	-	-	1.2	-	-
1,1,1-Trichloroethane	200		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	7		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-106M 27-Apr-04	MW-106M 8-Dec-04	MW-106M 8-Dec-04 DUP	MW-106M 13-Apr-05	MW-106M 11-Oct-05	MW-106M 5-Apr-06	MW-106M 27-Sep-06	MW-107 28-Apr-04	MW-107 7-Dec-04	MW-107 12-Apr-05	MW-107 12-Oct-05	MW-107 6-Apr-06	MW-107 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)						NM									
Tetrachloroethene	5		0.94	-	-		-	1.1	1.1	-	-	-	-	-	-
Trichloroethene	5		**5.7**	**-**	**-**		3.4	**11**	**11**	**73**	**74**	**66**	**47**	**83**	**61**
cis-1,2-Dichloroethene	70		-	-	-		-	1.4	2.1	3.4	8.2	11	11	9.8	7.1
1,1,1-Trichloroethane	200		-	-	-		-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-	-	-		-	-	-	-	-	-	-	0.58	-
1,1-Dichloroethane	7		-	-	-		-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-		-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-		-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-		-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-		-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-109 28-Apr-04	MW-109 7-Dec-04	MW-109 12-Apr-05	MW-109 12-Oct-05	MW-109 12-Oct-05 DUP	MW-109 4-Apr-06	MW-109 27-Sep-06	MW-111 28-Apr-04	MW-111 7-Dec-04	MW-111 12-Apr-05	MW-111 11-Oct-05	MW-111 4-Apr-06	MW-111 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)															
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		2.0	**41**	**34**	**37**	**34**	**33**	**28**	**26**	**18**	**860**	**15**	**100**	**40**
cis-1,2-Dichloroethene	70		-	4.8	4.3	5.9	5.4	4.7	5.0	0.87	-	4.9	0.68	0.68	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	5.2	4.6	**280**	1.7	25	8.4
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	-	**32**	-	0.94	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	3.3	-	1.3	0.80
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-113 29-Apr-04	MW-113 7-Dec-04	MW-113 12-Apr-05	MW-113 11-Oct-05	MW-113 3-Apr-06	MW-113 27-Sep-06	MW-115 29-Apr-04	MW-115 8-Dec-04	MW-115 12-Apr-05	MW-115 12-Oct-05	MW-115 4-Apr-06	MW-115 27-Sep-06	MW-117 29-Apr-04	MW-117 9-Dec-04	MW-117 14-Apr-05	MW-117 14-Apr-05 DUP	MW-117 28-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																			
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.1	1.1	1.1
Trichloroethene	5		3.2	**12**	**6.4**	**35**	**120**	**41**	**17**	**14**	**270**	**34**	**220**	**120**	3.4	**11**	**10**	**10**	**9.6**
cis-1,2-Dichloroethene	70		-	0.98	-	1.4	0.81	1.0	1.4	0.93	1.3	0.95	1.2	-	-	1.0	0.74	0.85	0.65
1,1,1-Trichloroethane	200		-	0.51	2.3	2.5	32	6.1	-	16	190	7.4	81	31	-	-	-	-	-
1,1-Dichloroethene	70		-	-	-	0.91	1.5	-	-	-	**7.2**	-	2.6	1.2	-	-	-	-	-
1,1-Dichloroethane	7		-	-	-	2.6	0.76	0.79	-	-	2.5	-	1.6	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	4.2	2.8	2.6	2.6	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-118 29-Apr-04	MW-118 7-Dec-04	MW-118 14-Apr-05	MW-118 13-Oct-05	MW-118 13-Oct-05 DUP	MW-118 3-Apr-06	MW-118 28-Sep-06	MW-118 28-Sep-06 DUP	MW-201S 28-Apr-04	MW-201S 20-Jul-04	MW-201S 6-Dec-04	MW-201S 13-Apr-05	MW-201S 12-Oct-05	MW-201S 4-Apr-06	MW-201S 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)												NM			NM		
Tetrachloroethene	5		1.5	-	-	-	-	1.0	0.81	1.1	3.6		0.88	1.0		0.78	0.69
Trichloroethene	5		**150**	**120**	**80**	**55**	**53**	**65**	**51**	**62**	**22**		**5.2**	**7.4**		**11**	3.6
cis-1,2-Dichloroethene	70		1.7	-	-		0.61	0.50	-	0.56	-		-	-		-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-		-	-		-	-
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	-		-	-		-	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-		-	-		-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-		-	-		-	-
Chloroform	5		-	-	-	-	-	-	-	-	-		-	-		-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-		-	-		-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-		-	-		-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-201M 28-Apr-04	MW-201M 20-Jul-04	MW-201M 8-Dec-04	MW-201M 13-Apr-05	MW-201M 10-Oct-05	MW-201M 4-Apr-06	MW-201M 25-Sep-06	MW-201D 28-Apr-04	MW-201D 9-Dec-04	MW-201D 13-Apr-05	MW-201D 10-Oct-05	MW-201D 4-Apr-06	MW-201D 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM	NM										
Tetrachloroethene	5		-			-	-	-	-	2.6	-	-	-	-	-
Trichloroethene	5		**28**			**100**	**150**	**270**	**170**	**64**	**7.1**	2.4	-	1.6	2.5
cis-1,2-Dichloroethene	70		2.7			6.9	12	12	11	8.1	-	-	-	-	-
1,1,1-Trichloroethane	200		-			-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-			-	3.6	2.8	3.0	-	-	-	-	-	-
1,1-Dichloroethane	7		-			-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-			-	-	-	-	-	-	-	-	-	-
Chloroform	5		-			-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-			-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-			-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-202S 28-Apr-04	MW-202S 23-Jul-04	MW-202S 7-Dec-04	MW-202S 12-Apr-05	MW-202S 11-Oct-05	MW-202S 4-Apr-06	MW-202S 25-Sep-06	MW-202M 28-Apr-04	MW-202M 28-Apr-04 DUP	MW-202M 23-Jul-04	MW-202M 10-Dec-04	MW-202M 12-Apr-05	MW-202M 12-Apr-05 DUP	MW-202M 11-Oct-05	MW-202M 4-Apr-06	MW-202M 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																		
Tetrachloroethene	5		1.4	-	-	1.7	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		2.7	0.97	-	2.4	-	0.75	-	**59**	**63**	**70**	**37**	**61**	**63**	**31**	**100**	**53**
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	13	13	19	9.8	15	16	15	30	16
1,1-Dichloroethene	70		-	-	-	-	-	-	-	1.3	1.4	2.4	-	-	2.1	1.3	1.6	1.7
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-203S 27-Apr-04	MW-203S 22-Jul-04	MW-203S 8-Dec-04	MW-203S 11-Apr-05	MW-203S 10-Oct-05	MW-203S 4-Apr-06	MW-203S 26-Sep-06	MW-203M 27-Apr-04	MW-203M 27-Apr-04 DUP	MW-203M 22-Jul-04	MW-203M 7-Dec-04	MW-203M 11-Apr-05	MW-203M 10-Oct-05	MW-203M 4-Apr-06	MW-203M 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																	
Tetrachloroethene	5		2.4	**21**	**13**	**5.9**	**8.1**	**8.2**	**8.2**	0.59	0.60	0.65	2.4	0.54	2.2	0.66	0.87
Trichloroethene	5		0.68	**10**	2.8	2.3	1.2	3.4	1.9	**130**	**150**	**14**	**12**	**93**	3.8	1.8	1.6
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	37	36	3.3	2.6	25	1.6	0.60	0.59
1,1-Dichloroethene	70		-	-	-	-	-	-	-	2.2	2.2	-	-	1.7	-	-	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	0.75	-	-	-	1.0	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-203D 27-Apr-04	MW-203D 22-Jul-04	MW-203D 22-Jul-04 DUP	MW-203D 7-Dec-04	MW-203D 11-Apr-05	MW-203D 10-Oct-05	MW-203D 4-Apr-06	MW-203D 27-Sep-06	MW-204S 27-Apr-04	MW-204S 21-Jul-04	MW-204S 8-Dec-04	MW-204S 13-Apr-05	MW-204S 13-Apr-05 DUP	MW-204S 10-Oct-05	MW-204S 4-Apr-06	MW-204S 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																		
Tetrachloroethene	5		2.5	1.8	1.9	2.6	3.1	2.8	2.9	2.3	**8.2**	**16**	**8.7**	**8.2**	**8.4**	**13**	**9.4**	**11**
Trichloroethene	5		**92**	**75**	**74**	**80**	**80**	**82**	**76**	**80**	2.0	3.5	2.4	2.0	1.9	1.6	1.1	0.77
cis-1,2-Dichloroethene	70		4.6	5.8	5.7	6.0	6.4	7.0	5.6	6.9	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-204M 27-Apr-04	MW-204M 21-Jul-04	MW-204M 8-Dec-04	MW-204M 13-Apr-05	MW-204M 10-Oct-05	MW-204M 4-Apr-06	MW-204M 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)									
Tetrachloroethene	5		-	-	-	-	-	-	-
Trichloroethene	5		**130**	**170**	**160**	**150**	**76**	**74**	**56**
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		21	49	34	28	27	26	16
1,1-Dichloroethene	70		3.5	4.0	3.6	5.9	5.3	2.1	2.4
1,1-Dichloroethane	7		-	-	-	-	-	2.0	-
Chlorobenzene	100		-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-204D 28-Apr-04	MW-204D 21-Jul-04	MW-204D 8-Dec-04	MW-204D 13-Apr-05	MW-204D 10-Oct-05	MW-204D 5-Apr-06	MW-204D 5-Apr-06 DUP	MW-204D 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)										
Tetrachloroethene	5		-	-	-	-	-	-	-	-
Trichloroethene	5		**30**	**27**	2.5	0.95	**6.2**	**12**	**11**	**9.3**
cis-1,2-Dichloroethene	70		1.9	2.7	-	-	6.9	25	25	13
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-
1,1-Dichloroethene	7		-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-208S 30-Apr-04	MW-208S 22-Jul-04	MW-208S 8-Dec-04	MW-208S 14-Apr-05	MW-208S 12-Oct-05	MW-208S 4-Apr-06	MW-208S 25-Sep-06	MW-208M 30-Apr-04	MW-208M 30-Apr-04 DUP	MW-208M 23-Jul-04	MW-208M 23-Jul-04 DUP	MW-208M 8-Dec-04	MW-208M 14-Apr-05	MW-208M 14-Apr-05 DUP	MW-208M 12-Oct-05	MW-208M 4-Apr-06	MW-208M 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																			
Tetrachloroethene	5		**7.7**	**6.2**	**8.1**	**5.8**	3.1	**5.0**	**5.4**	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		**5.7**	**6.6**	**6.4**	4.9	3.4	**5.5**	**5.1**	**6.9**	**7.1**	**7.4**	**6.5**	**7.5**	**10**	**9.1**	**8.0**	**6.0**	**9.7**
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	0.62	0.56	0.81	0.77	0.84	0.92	0.73	0.81	0.50	0.93
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7		-	-	-	-	-	-	-	0.54	0.53	0.56	0.53	0.62	0.79	0.73	0.67	-	0.67
1,1-Dichloroethane	70		-	-	-	-	-	-	-	1.4	1.5	1.5	1.4	1.6	1.9	1.8	1.6	1.1	1.7
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-209 27-Apr-04	MW-209 13-Apr-05	MW-209 6-Dec-04	MW-209 13-Apr-05	MW-209 13-Apr-05 DUP	MW-209 13-Oct-05	MW-209 13-Oct-05 DUP	MW-209 5-Apr-06	MW-209 27-Sep-06	MW-210 28-Apr-04	MW-210 9-Dec-04	MW-210 13-Apr-05	MW-210 4-Apr-06	MW-210 28-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM									NM	NM		
Tetrachloroethene	5		-		-	-	-	-	-	-	-	1.3			1.1	1.5
Trichloroethene	5		1.6		1.8	1.7	1.5	0.97	0.97	1.2	2.0	**45**			**10**	**17**
cis-1,2-Dichloroethene	70		-		-	-	-	-	-	-	-	-			0.85	1.5
1,1,1-Trichloroethane	200		-		-	-	-	-	-	-	-	-			-	-
1,1-Dichloroethene	7		-		-	-	-	-	-	-	-	-			-	-
1,1-Dichloroethane	70		-		-	-	-	-	-	-	-	-			-	-
Chlorobenzene	100		-		-	-	-	-	-	-	-	-			-	-
Chloroform	5		-		-	-	-	-	-	-	-	-			-	-
Bromodichloromethane	3		-		-	-	-	-	-	-	-	-			-	-
Didbromochloromethane	2		-		-	-	-	-	-	-	-	-			-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-211 28-Apr-04	MW-211 9-Dec-04	MW-211 13-Apr-05	MW-211 12-Oct-05	MW-211 12-Oct-05 DUP	MW-211 4-Apr-06	MW-211 4-Apr-06 DUP	MW-211 28-Sep-06	MW-212 28-Apr-04	MW-212 8-Dec-04	MW-212 13-Apr-05	MW-212 13-Oct-05	MW-212 5-Apr-06	MW-212 28-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)																
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		1.3	-	-	-	-	-	-	-	1.5	0.89	1.4	2.4	1.7	2.6
cis-1,2-Dichloroethene	70		-	-	0.80	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-212M 28-Apr-04	MW-212M 8-Dec-04	MW-212M 13-Apr-05	MW-212M 12-Oct-05	MW-212M 5-Apr-06	MW-212M 27-Sep-06	MW-213 27-Apr-04	MW-213 9-Dec-04	MW-213 13-Apr-05	MW-213 11-Oct-05	MW-213 4-Apr-06	MW-213 25-Sep-06	MW-214 27-Apr-04	MW-214 9-Dec-04	MW-214 9-Dec-04 DUP	MW-214 11-Apr-05	MW-214 12-Oct-05	MW-214 4-Apr-06	MW-214 25-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)													NM						NM		
Tetrachloroethene	5		-	-	-	0.75	0.51	0.69	1.2	-	0.51	0.73		0.51	-	-	-	0.62		-	-
Trichloroethene	5		-	2.7	2.2	2.0	4.1	**6.3**	**5.1**	1.7	1.8	3.2		1.7	**110**	**52**	**53**	**57**		**66**	**46**
cis-1,2-Dichloroethene	70		-	-	-	2.2	-	-	-	-	-	-		-	5.5	2.6	2.7	3.1		3.1	2.8
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-
1,1-Dichloroethene	7		-	-	-	-	-	-	-	-	-	-		-	4.6	0.85	0.99	2.3		2.5	1.9
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-403 28-Apr-04	MW-403 23-Jul-04	MW-403 9-Dec-04	MW-403 11-Apr-05	MW-403 12-Oct-05	MW-403 4-Apr-06	MW-403 28-Sep-06	MW-404 30-Apr-04	MW-404 30-Apr-04 DUP	MW-404 7-Dec-04	MW-404 14-Apr-05	MW-404 14-Oct-05	MW-404 3-Apr-06	MW-404 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)												NM	NM	NM	NM	
Tetrachloroethene	5		**12**	**7.0**	**9.7**	**12**	**9.4**	**7.4**	**10**	-	-					-
Trichloroethene	5		**230**	**220**	**280**	**320**	**340**	**350**	**340**	**730**	**680**					**-**
cis-1,2-Dichloroethene	70		14	7.7	10	12	12	9.1	11	10	11					-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-					-
1,1-Dichloroethene	7		2.9	-	-	-	-	-	-	-	2.6					-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-					-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-					-
Chloroform	5		-	-	-	-	-	-	-	-	-					-
Bromodichloromethane	3		-	-	-	-	-	-	-	-	-					-
Didbromochloromethane	2		-	-	-	-	-	-	-	-	-					-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 6
Summary of Groundwater Analytical Results - VOCs
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 GW 1	Sample I.D. Date Sampled Comments	MW-405S 29-Apr-04	MW-405S 8-Dec-04	MW-405S 14-Apr-05	MW-405S 14-Oct-05	MW-405S 3-Apr-06	MW-405S 27-Sep-06
Volatile Organic Compounds (VOCs) (µg/L)				NM	NM	NM	NM	
Tetrachloroethene	5		-					-
Trichloroethene	5		**260**					-
cis-1,2-Dichloroethene	70		2.7					-
1,1,1-Trichloroethane	200		-					-
1,1-Dichloroethene	7		-					-
1,1-Dichloroethane	70		-					-
Chlorobenzene	100		-					-
Chloroform	5		-					-
Bromodichloromethane	3		-					-
Didbromochloromethane	2		-					-

Notes:
- = Analytical result below the method detection limit, (ND).
Blank cells indicate a sample was not analyzed for that compound.
NM = Sample not analyzed due to presence of permanganate.
Bold and shaded cells indicate exceedance of MCP standard.
DUP = Field duplicate.
µg/L = Micrograms per liter, (parts per billion [ppb]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	IP-16S 27-Sep-06	IP-17D 27-Sep-06	MW-33S 29-Apr-04	MW-33S 10-Dec-04	MW-33S 10-Dec-04 DUP	MW-33S 12-Apr-05	MW-33S 11-Oct-05	MW-33S 3-Apr-06	MW-33S 28-Sep-06	MW-33M 29-Apr-04	MW-33M 29-Apr-04 DUP	MW-33M 9-Dec-04	MW-33M 12-Apr-05	MW-33M 11-Oct-05	MW-33M 4-Apr-06	MW-33M 28-Sep-06
Metals (mg/L)																		
Sodium	NS		310	280	7.0	8.9	8.8	6.8	6.2	7.2	5.3	16	16	14	18	15	15	13

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-40 28-Apr-04	MW-40 28-Apr-04 DUP	MW-40 10-Dec-04	MW-40 11-Apr-05	MW-40 11-Apr-05 DUP	MW-40 12-Oct-05	MW-40 4-Apr-06	MW-40 4-Apr-06 DUP	MW-40 26-Sep-06	MW-40 26-Sep-06 DUP	MW-40S 28-Apr-04	MW-40S 26-Sep-06	MW-43S 27-Apr-04	MW-43S 4-Apr-06	MW-43S 28-Sep-06
Metals (mg/L)																	
Sodium	NS		44	43	78	55	56	89	79	76	74	73	140	100	210	120	200

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-47S 28-Apr-04	MW-47S 5-Apr-06	MW-47S 26-Sep-06	MW-47S 26-Sep-06 DUP	MW-47M 28-Apr-04	MW-47M 11-Apr-05	MW-47M 10-Oct-05	MW-47M 5-Apr-06	MW-47M 27-Sep-06	MW-47D 28-Apr-04	MW-47D 11-Apr-05	MW-47D 10-Oct-05	MW-47D 10-Oct-05 DUP	MW-47D 5-Apr-06	MW-47D 27-Sep-06	MW-101 28-Apr-04	MW-101 25-Sep-06	MW-101 25-Sep-06 DUP
Metals (mg/L)																				
Sodium	NS		5.3	12	46	47	27	27	23	12	20	25	68	52	52	79	99	98	160	160

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-102 27-Apr-04	MW-102 27-Apr-04 DUP	MW-102 12-Oct-05	MW-102 4-Apr-06	MW-102 25-Sep-06	MW-103 27-Apr-04	MW-103 9-Dec-04	MW-103 13-Apr-05	MW-103 11-Oct-05	MW-103 4-Apr-06	MW-103 25-Sep-06	MW-104 28-Apr-04	MW-104 28-Sep-06	MW-105 27-Apr-04	MW-105 28-Sep-06	MW-105M 28-Sep-06
Metals (mg/L)																		
Sodium	NS		66	66	92	90	130	180	230	240	220	210	140	150	120	300	340	300

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-106 5-Apr-06	MW-106 27-Sep-06	MW-106M 27-Sep-06	MW-107 28-Apr-04	MW-107 12-Apr-05	MW-107 12-Oct-05	MW-107 6-Apr-06	MW-107 27-Sep-06	MW-109 28-Apr-04	MW-109 8-Dec-04	MW-109 12-Apr-05	MW-109 12-Oct-05	MW-109 12-Oct-05 DUP	MW-109 4-Apr-06	MW-109 27-Sep-06
Metals (mg/L)																	
Sodium	NS		130	130	260	40	64	65	58	46	-	15	21	16	16	18	16

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-111 28-Apr-04	MW-111 9-Dec-04	MW-111 12-Apr-05	MW-111 11-Oct-05	MW-111 4-Apr-06	MW-111 27-Sep-06	MW-113 29-Apr-04	MW-113 8-Dec-04	MW-113 12-Apr-05	MW-113 11-Oct-05	MW-113 3-Apr-06	MW-113 27-Sep-06	MW-115 29-Apr-04	MW-115 8-Dec-04	MW-115 12-Oct-05	MW-115 4-Apr-06	MW-115 27-Sep-06
Metals (mg/L)																			
Sodium	NS		32	38	53	21	65	46	69	39	100	22	78	34	28	39	51	77	58

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-117 29-Apr-04	MW-117 9-Dec-04	MW-117 14-Apr-05	MW-117 14-Apr-05 DUP	MW-117 28-Sep-06	MW-118 29-Apr-04	MW-118 7-Dec-04	MW-118 28-Sep-06	MW-118 28-Sep-06 DUP	MW-201S 28-Apr-04	MW-201S 25-Sep-06	MW-201M 28-Apr-04	MW-201M 13-Apr-05	MW-201M 10-Oct-05	MW-201M 4-Apr-06	MW-201M 25-Sep-06
Metals (mg/L)																		
Sodium	NS		72	93	94	94	98	99	120	120	120	73	64	22	110	58	56	46

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-201D 28-Apr-04	MW-201D 9-Dec-04	MW-201D 13-Apr-05	MW-201D 10-Oct-05	MW-201D 4-Apr-06	MW-201D 25-Sep-06	MW-202S 28-Apr-04	MW-202S 12-Apr-05	MW-202S 11-Oct-05	MW-202S 4-Apr-06	MW-202S 25-Sep-06	MW-202M 28-Apr-04	MW-202M 28-Apr-04 DUP	MW-202M 12-Apr-05	MW-202M 12-Apr-05 DUP	MW-202M 11-Oct-05	MW-202M 4-Apr-06	MW-202M 25-Sep-06
Metals (mg/L)																				
Sodium	NS		39	47	180	140	110	92	140	160	56	15	32	20	20	24	24	23	28	18

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-203S 28-Apr-04	MW-203S 11-Apr-05	MW-203S 10-Oct-05	MW-203S 4-Apr-06	MW-203S 26-Sep-06	MW-203M 27-Apr-04	MW-203M 27-Apr-04 DUP	MW-203M 11-Apr-05	MW-203M 10-Oct-05	MW-203M 4-Apr-06	MW-203M 27-Sep-06	MW-203D 27-Apr-04	MW-203D 11-Apr-05	MW-203D 10-Oct-05	MW-203D 4-Apr-06	MW-203D 27-Sep-06
Metals (mg/L)																		
Sodium	NS		61	77	120	100	60	67	69	99	180	160	140	53	58	64	73	67

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-204S 27-Apr-04	MW-204S 10-Oct-05	MW-204S 4-Apr-06	MW-204S 25-Sep-06	MW-204M 27-Apr-04	MW-204M 13-Apr-05	MW-204M 10-Oct-05	MW-204M 4-Apr-06	MW-204M 25-Sep-06	MW-204D 28-Apr-04	MW-204D 13-Apr-05	MW-204D 10-Oct-05	MW-204D 5-Apr-06	MW-204D 5-Apr-06 DUP	MW-204D 25-Sep-06
Metals (mg/L)																	
Sodium	NS		62	36	41	28	30	32	26	35	31	30	4.2	66	210	210	63

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-208S 30-Apr-04	MW-208S 14-Apr-05	MW-208S 12-Oct-05	MW-208S 4-Apr-06	MW-208S 25-Sep-06	MW-208M 30-Apr-04	MW-208M 14-Apr-05	MW-208M 14-Apr-05 DUP	MW-208M 12-Oct-05	MW-208M 4-Apr-06	MW-208M 25-Sep-06	MW-209 27-Apr-04	MW-209 6-Dec-04	MW-209 13-Apr-05	MW-209 13-Apr-05 DUP	MW-209 5-Apr-06	MW-209 27-Sep-06
Metals (mg/L)																			
Sodium	NS		81	93	94	78	49	84	73	71	64	68	56	84	100	53	52	51	60

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-210 28-Sep-06	MW-211 28-Apr-04	MW-211 9-Dec-04	MW-211 13-Apr-05	MW-211 12-Oct-05	MW-211 12-Oct-05 DUP	MW-211 4-Apr-06	MW-211 4-Apr-06 DUP	MW-211 28-Sep-06	MW-212 28-Apr-04	MW-212 8-Dec-04	MW-212 5-Apr-06	MW-212 28-Sep-06	MW-212M 8-Dec-04	MW-212M 12-Oct-05	MW-212M 27-Sep-06
Metals (mg/L)																		
Sodium	NS		250	52	15	53	17	18	44	45	32	120	120	68	49	320	340	470

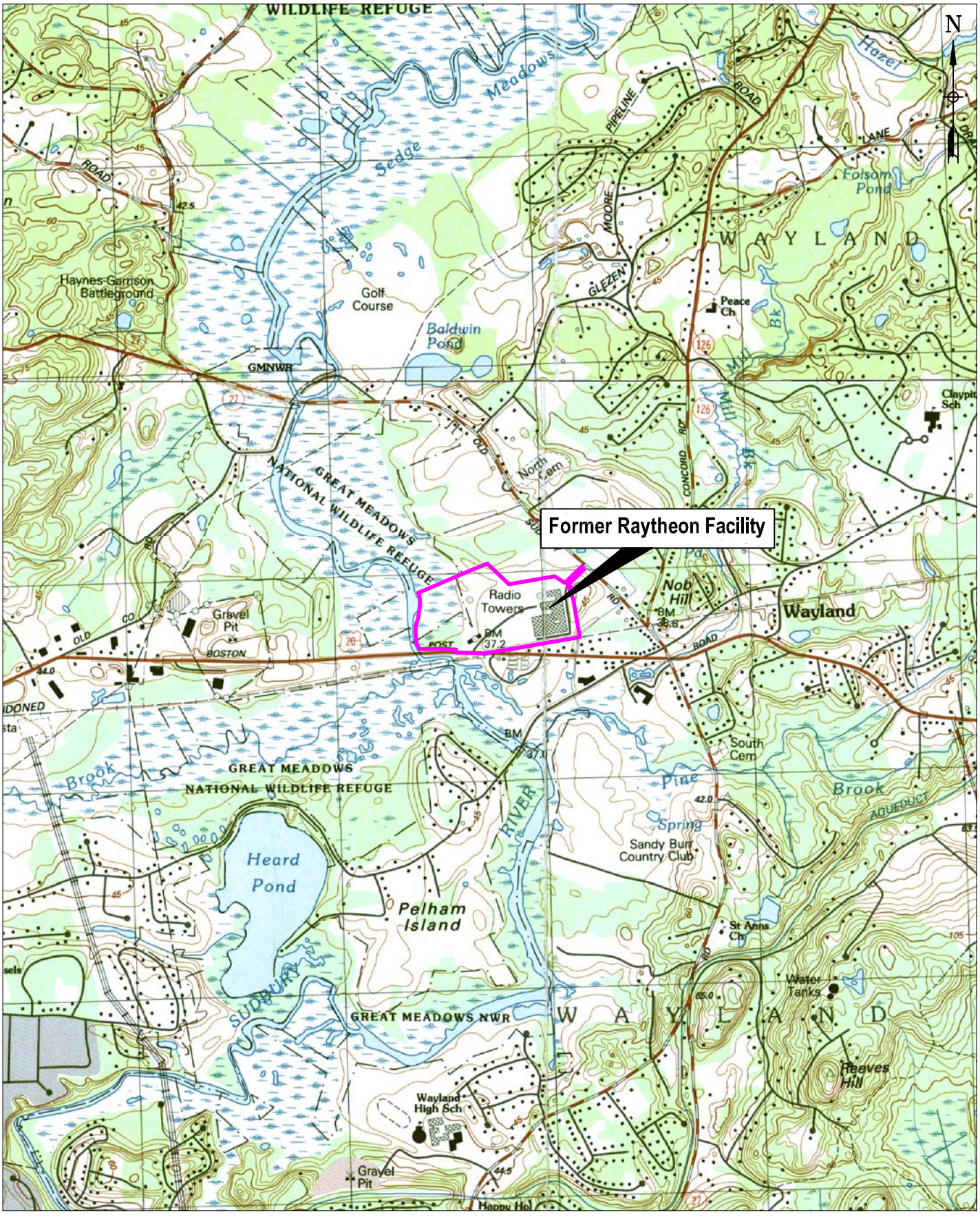
Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Table 7
Summary of Groundwater Analytical Results - Sodium
Former Raytheon Facility
Wayland, Massachusetts

Parameter	MCP Std Method 1 MCP-GW1	Sample I.D. Date Sampled Comments	MW-213 27-Apr-04	MW-213 25-Sep-06	MW-214 27-Apr-04	MW-214 9-Dec-04	MW-214 9-Dec-04 DUP	MW-214 11-Apr-05	MW-214 25-Sep-06	MW-403 28-Apr-04	MW-403 9-Dec-04	MW-403 11-Apr-05	MW-403 12-Oct-05	MW-403 4-Apr-06	MW-403 28-Sep-06	MW-404 30-Apr-04	MW-404 27-Sep-06	MW-404 27-Sep-06 DUP	MW-405S 29-Apr-04	MW-405S 27-Sep-06
Metals (mg/L)																				
Sodium	NS		200	180	36	45	45	51	35	190	170	200	170	200	180	55	440	440	61	350

Notes:
- = Analytical result below the method detection limit, (ND).
DUP = Field duplicate.
NS = No MCP standard.
mg/L = milligrams per liter, (parts per million [ppm]).

Figures



Legend

Former Raytheon Facility Property Boundary

Scale = 1:25,000

Figure 1 - Site Locus Map
Former Raytheon Facility
and Former Hamlen Parcel - Wayland, MA

ERM

R:\Raytheon\Wayland - 1922\Raytheon ROS\ROS Locus.dwg (05/24/2005 - 11:50am Boston)

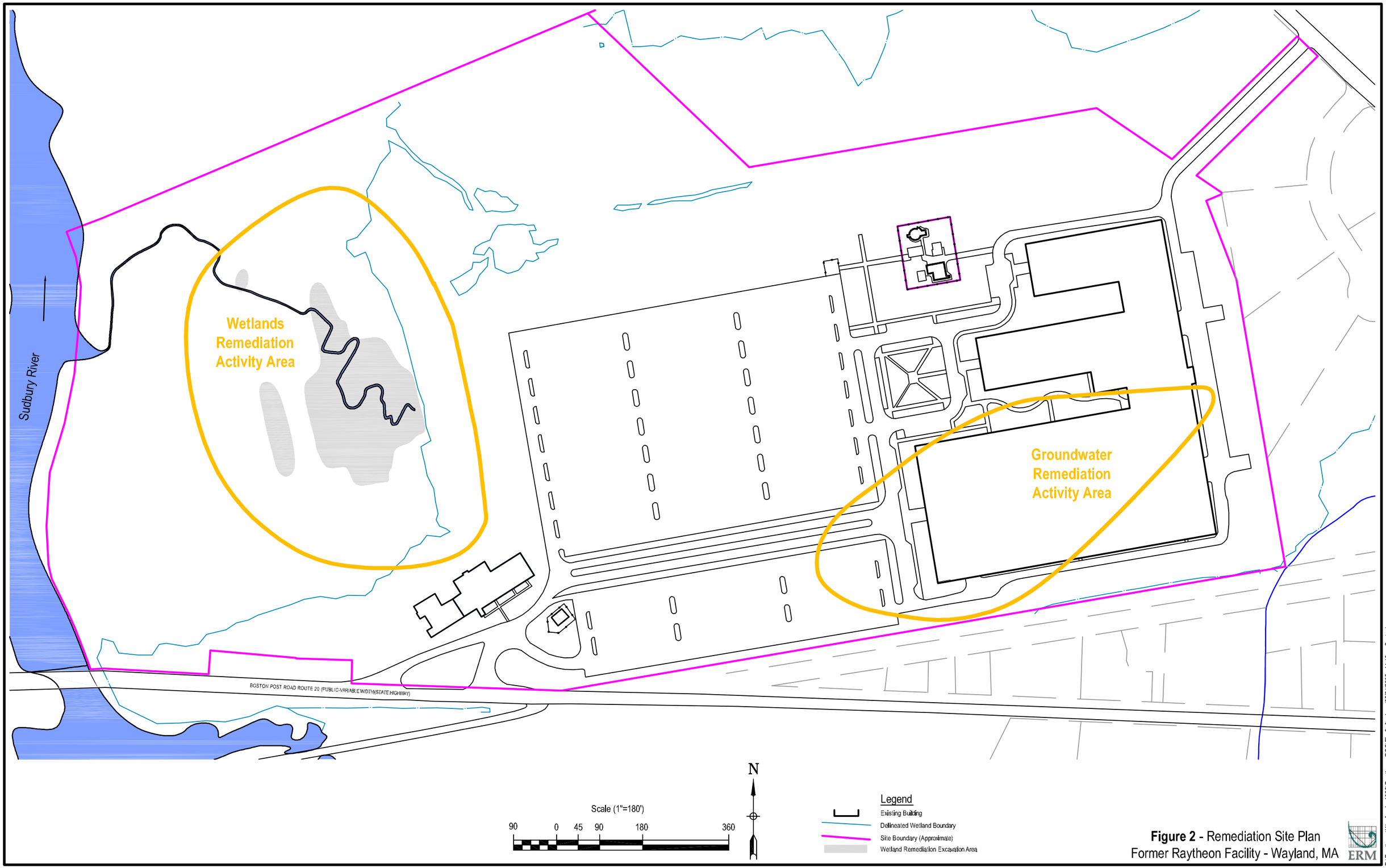


Figure 2 - Remediation Site Plan
Former Raytheon Facility - Wayland, MA

ERM

R:\Raytheon\Wayland - 1922\Raytheon RGS\Fig 2 site.dwg (05/24/2005 - 11:46am Boston)

MW-43 Area

MW-40 Area

Main Building Area

MW-102 Area

MW-33 Area

MBTA Row

Legend

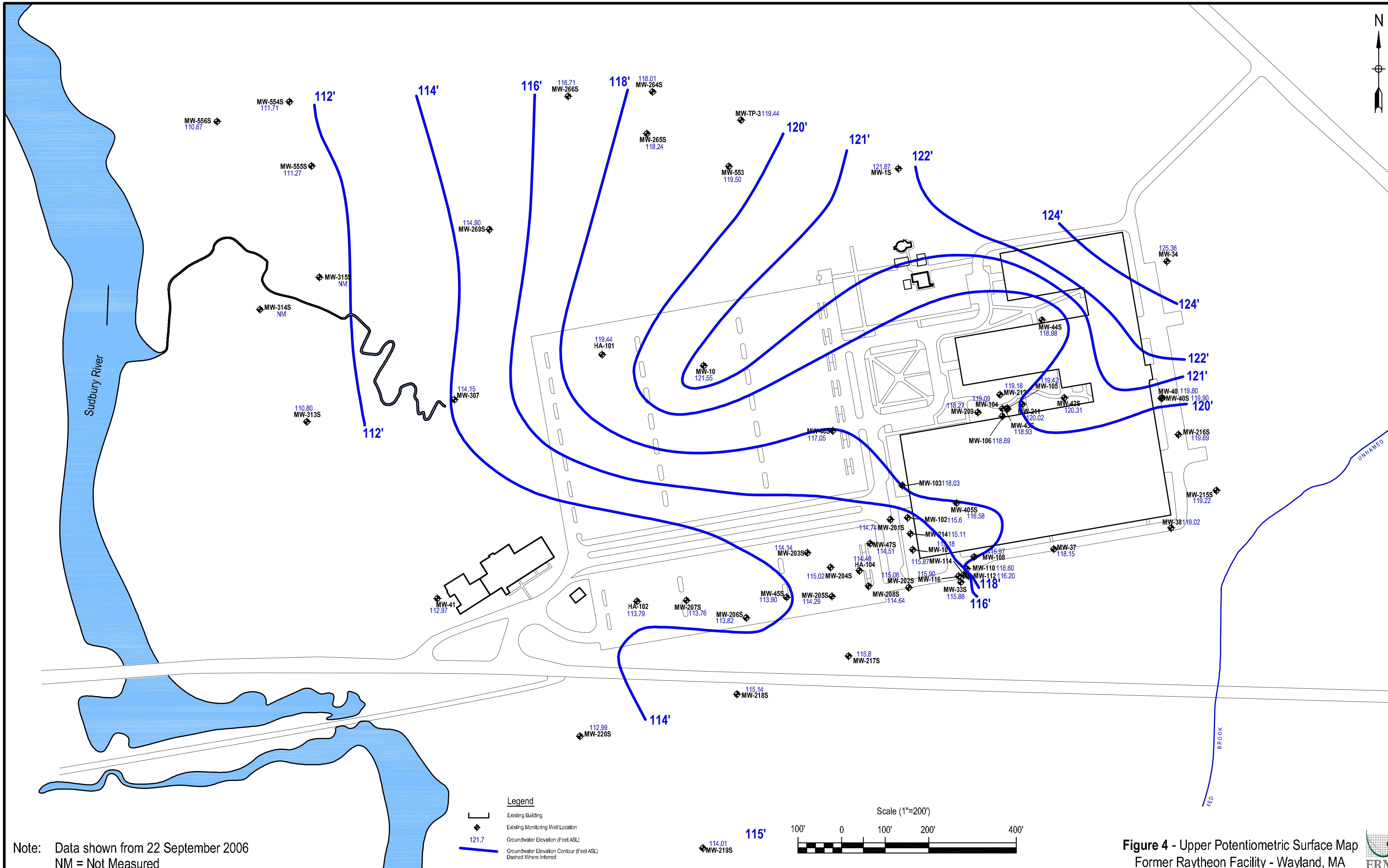
- Existing Building
- Subject Property Line
- Existing Monitoring Well Location
- Existing Injection Well Location
- Temporary Injection Point

SCALE (1"=30')

15 0 15 30 60

Figure 3 - ISCO Treatment Areas
Former Raytheon Facility - Wayland, MA

ERM



N
Sudbury River
UNNAMED BROOK
112'
114'
116'
118'
120'
121'
122'
124'
115'
MW-556S 110.67
MW-554S 111.71
MW-555S 111.27
MW-266S 116.71
MW-264S 118.01
MW-265S 118.24
MW-TP-3 119.44
MW-553 119.50
MW-1S 121.87
MW-269S 114.90
MW-315S NM
MW-314S NM
HA-101 119.44
MW-10 121.55
MW-34 125.36
MW-44S 118.98
MW-307 114.15
MW-313S 110.80
MW-40 119.80
MW-40S 119.90
MW-42S 120.31
MW-216S 119.69
MW-106 118.69
MW-103 118.03
MW-405S 116.58
MW-102 115.6
MW-214 115.11
MW-215S 119.22
MW-38 119.02
MW-37 118.15
MW-201S 114.74
MW-47S 114.51
MW-203S 114.14
HA-104 114.49
MW-204S 115.02
MW-202S 115.06
MW-116 115.90
MW-33S 115.88
MW-208S 114.64
MW-205S 114.29
MW-45S 113.90
MW-206S 113.82
MW-207S 113.76
HA-102 113.79
MW-41 112.97
MW-217S 115.8
MW-218S 115.14
MW-220S 112.99
MW-219S 114.01
Legend
Existing Building
Existing Monitoring Well Location
121.7 Groundwater Elevation (Feet ASL)
Groundwater Elevation Contour (Feet ASL) Dashed Where Inferred
Scale (1"=200')
100' 0 100' 200' 400'
ERM
R:\Raytheon\Wayland - 1922\REPORT - Groundwater\GW November 2006\Raytheon GW Nov 2006.DWG (11/13/2006 - 4:27pm Boston)

Note: Data shown from 22 September 2006
NM = Not Measured

Figure 4 - Upper Potentiometric Surface Map
Former Raytheon Facility - Wayland, MA

N

Sudbury River

UNNAMED BROOK

115'
116'
117'
118'
119'

MW-554Ma 114.60
MW-556M 114.57
MW-555Ma 114.77
MW-267M 118.06
MW-266Mb 117.43
MW-264M 118.40
MW-263S 119.37
MW-265M 118.38
MW-268M 115.63
MW-269Mb 115.09
MW-261S 119.30
MW-1D 118.70
MW-44D 118.57
MW-43D 117.71
MW-216D 118.66
MW-215D 118.63
MW-46M 114.91
MW-201D 115.42
MW-203D 115.23
MW-204D 115.36
MW-47M 115.20
MW-208D 115.27
MW-205D 115.19
MW-202D 115.32
MW-33D 115.27
MW-37M 116.66
MW-207D 115.62
MW-45D 115.59
MW-206D 114.70
MW-217D 115.95
MW-218D 116.69
MW-220D 114.55
MW-221D 116.03
MW-219D 114.46

Legend

- Existing Building
- Existing Monitoring Well Location
- 116.89 Groundwater Elevation (Feet ASL)
- Groundwater Elevation Contour (Feet ASL)

Scale (1"=200')

100' 0 100' 200' 400'

Note: Data shown from 22 September 2006

Figure 5 - Lower Potentiometric Surface Map
Former Raytheon Facility - Wayland, MA

ERM

R:\Raytheon\Wayland - 1922\REPORT - Groundwater\GW November 2006\Raytheon GW Nov 2006.DWG (11/13/2006 - 4:24pm Boston)

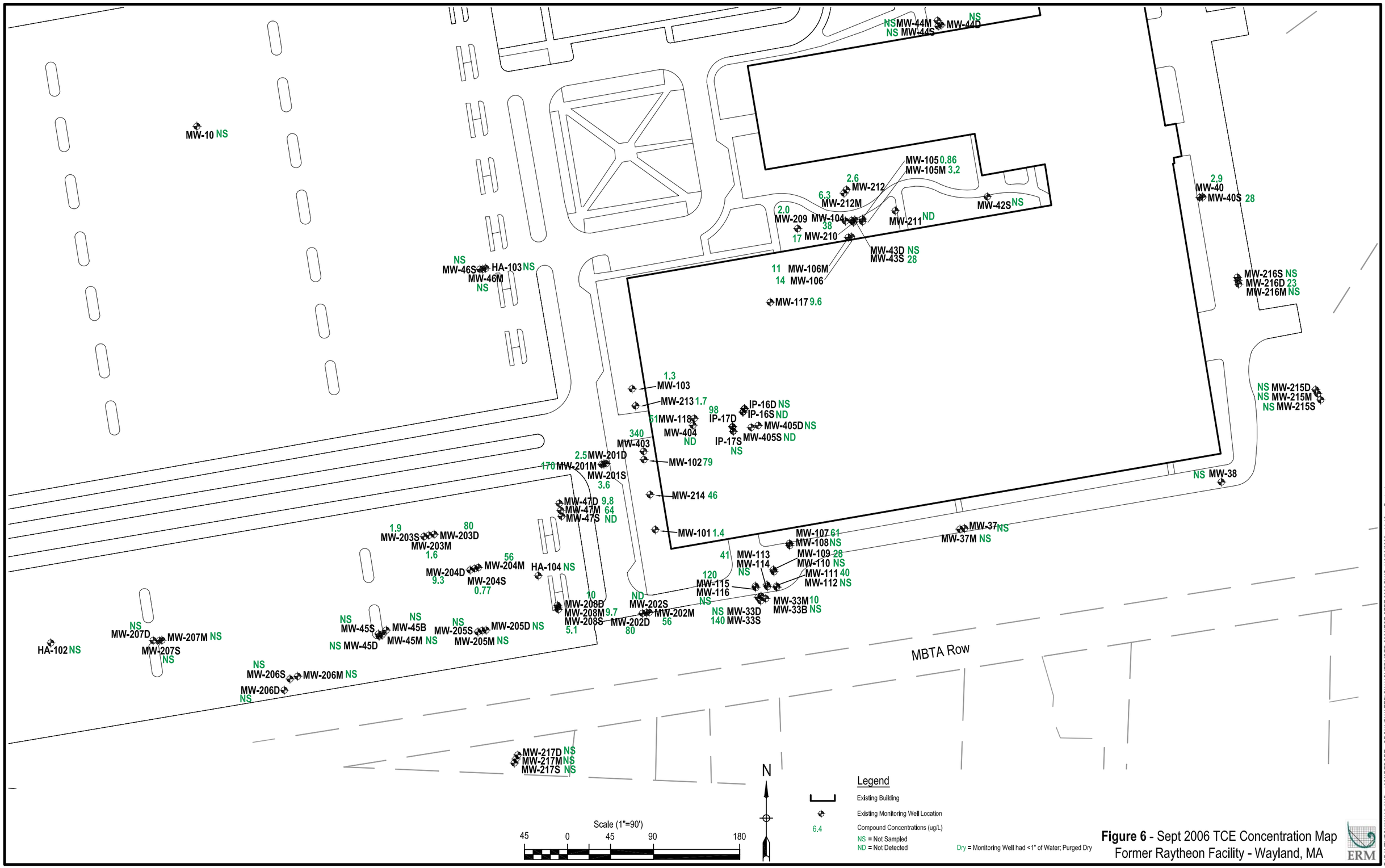


Figure 6 - Sept 2006 TCE Concentration Map
Former Raytheon Facility - Wayland, MA

ERM

R:\RAYTHEON\WAYLAND - 1922\REPORT - GROUNDWATER\GW NOVERMBER 2006\TCE SEPT 2006.DWG (10/30/2006 - 11:42am Boston)

Appendix A
BWSC Form (copy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

Release Tracking Number: 3 - 13302

A. SITE LOCATION:

1. Site Name: Former Raytheon Facility
2. Street Address: 430 Boston Post Road
3. City/Town: Wayland 4. ZIP Code: 01778-1824
5. ☐ Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.
   ☐ a. Tier IA ☑ b. Tier IB ☐ c. Tier IC ☐ d. Tier II
6. If applicable, provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check all that apply)

☐ 1. Submit a **Phase I Completion Statement**, pursuant to 310 CMR 40.0484.

☐ 2. Submit a **Revised Phase I Completion Statement**, pursuant to 310 CMR 40.0484.

☐ 3. Submit a **Phase II Scope of Work**, pursuant to 310 CMR 40.0834.

☐ 4. Submit an **interim Phase II Report**. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.

☐ 5. Submit a **final Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.

☐ 6. Submit a **Revised Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.

☐ 7. Submit a **Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.

☐ 8. Submit a **Revised Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.

☐ 9. Submit a **Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.

☐ 10. Submit a **Modified Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.

☐ 11. Submit an **As-Built Construction Report**, pursuant to 310 CMR 40.0875.

(All sections of this transmittal form must be filled out unless otherwise noted above)

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

B. THIS FORM IS BEING USED TO (cont.): (check all that apply)

☐ 12. Submit a **Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

Specify the outcome of Phase IV activities: (check one)

☐ a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.

☐ b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ 13. Submit a **Revised Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

☐ 14. Submit a **periodic Phase V Inspection & Monitoring Report**, pursuant to 310 CMR 40.0892.

☐ 15. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.

☑ 16. Submit a **periodic Inspection & Monitoring Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).

☐ 17. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(5).

☐ 18. Submit a **final Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

Specify the outcome of Phase V activities: (check one)

☐ a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.

☐ b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ 19. Submit a **Revised Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

☐ 20. Submit a **Post-Response Action Outcome Inspection & Monitoring Report**, pursuant to 310 CMR 40.0897.

(All sections of this transmittal form must be filled out unless otherwise noted above)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

Release Tracking Number: 3 - 13302

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B indicates that a* ***Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B indicates that a* ***Phase II Scope of Work*** *or a* ***Phase IV Remedy Implementation Plan*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B indicates that an* ***As-Built Construction Report, Phase V Inspection and Monitoring Report,*** *or a* ***Remedy Operation Status*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 2196

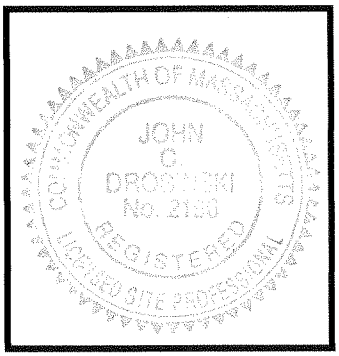
2. First Name: John 3. Last Name: Drobinski

4. Telephone: (617) 646-7850 5. Ext.: _____ 6. FAX: (617) 267-6447

7. Signature: _____

8. Date: 11/22/06 (mm/dd/yyyy)

9. LSP Stamp:



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

Release Tracking Number
3 - 13302

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☑ c. change in the person undertaking response actions

2. Name of Organization: Raytheon Company

3. Contact First Name: Louis 4. Last Name: Burkhardt

5. Street: 880 Technology Park Drive, MS 2-2124-01 6. Title: Sr. Environmental Engineer

7. City/Town: Billerica 8. State: MA 9. ZIP Code: 01821-4164

10. Telephone: (978) 436-8238 11. Ext.: 12. FAX: (978) 436-8581

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

☑ 1. RP or PRP ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: Former Operator

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Undertaking Response Actions Specify Relationship:

F. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.

☐ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.

☐ 4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.

☐ 5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.

☐ 6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name. Send corrections to the DEP Regional Office.

☐ 7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Release Tracking Number
3 - 13302

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, Louis Burkhardt , attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ 3. Title: Sr. Environmental Engineer
Signature

4. For: _____ 5. Date: 11-20-06
(Name of person or entity recorded in Section D) (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Appendix B
Laboratory Analytical Data Reports

ANALYTICAL REPORT

Lab Number:	L0613772
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON-WAYLAND
Project Number:	42925
Report Date:	10/03/06

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

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

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

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

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

Case Narrative

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

MCP Related Narratives

Volatile Organics

L0613772-11 had a pH >2.

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

L0613772-05: 5x

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

In reference to question E:

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

WG254994-7,8:

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

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

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

WG255500-4,5:

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

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

In reference to question F:

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

Metals

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

In reference to question F:

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

Case Narrative (continued)

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

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

Authorized Signature:

Title: Technical Director Date: 10/03/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-01	Date Collected:	09/25/06 13:55
Client ID:	MW-201S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 19:29		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-01 Date Collected: 09/25/06 13:55

Client ID: MW-201S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-02	Date Collected:	09/25/06 15:20
Client ID:	MW-201D-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 20:07		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-02 Date Collected: 09/25/06 15:20

Client ID: MW-201D-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-03	Date Collected:	09/25/06 15:40
Client ID:	MW-202S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 20:46		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-03 Date Collected: 09/25/06 15:40

Client ID: MW-202S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-04	Date Collected:	09/25/06 14:30
Client ID:	MW-202M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 13:48		
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	16		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	1.7		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	53		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-04 Date Collected: 09/25/06 14:30

Client ID: MW-202M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-05	Date Collected:	09/25/06 16:25
Client ID:	MW-201M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 14:27		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-05 Date Collected: 09/25/06 16:25

Client ID: MW-201M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-06	Date Collected:	09/25/06 11:45
Client ID:	MW-204S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 18:25		
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	11		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	0.77		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-06 Date Collected: 09/25/06 11:45

Client ID: MW-204S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-07	Date Collected:	09/25/06 12:40
Client ID:	MW-204M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 19:03		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-07 Date Collected: 09/25/06 12:40

Client ID: MW-204M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-08	Date Collected:	09/25/06 10:00
Client ID:	MW-208S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 19:42		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-08 Date Collected: 09/25/06 10:00

Client ID: MW-208S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-09	Date Collected:	09/25/06 12:00
Client ID:	MW-208M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 22:02		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-09 Date Collected: 09/25/06 12:00

Client ID: MW-208M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-09 R	Date Collected:	09/25/06 12:00
Client ID:	MW-208M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 15:06		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-09 R Date Collected: 09/25/06 12:00

Client ID: MW-208M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-10	Date Collected:	09/25/06 10:10
Client ID:	MW-204D-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 20:21		
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	9.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	13		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-10 Date Collected: 09/25/06 10:10

Client ID: MW-204D-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-11	Date Collected:	09/25/06 14:05
Client ID:	MW-102-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 21:00		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-11 Date Collected: 09/25/06 14:05

Client ID: MW-102-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-12	Date Collected:	09/25/06 11:14
Client ID:	MW-103-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 22:55		
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	1.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-12 Date Collected: 09/25/06 11:14

Client ID: MW-103-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-13	Date Collected:	09/25/06 15:40
Client ID:	MW-214-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/02/06 23:33		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-13 Date Collected: 09/25/06 15:40

Client ID: MW-214-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-14	Date Collected:	09/25/06 12:36
Client ID:	MW-213-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 23:19		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-14 Date Collected: 09/25/06 12:36

Client ID: MW-213-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-15	Date Collected:	09/25/06 10:00
Client ID:	MW-216D-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	09/30/06 23:56		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-15 Date Collected: 09/25/06 10:00

Client ID: MW-216D-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-16	Date Collected:	09/25/06 16:45
Client ID:	MW-554S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 00:11		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-16 Date Collected: 09/25/06 16:45

Client ID: MW-554S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-17	Date Collected:	09/25/06 16:00
Client ID:	MW-554D-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 00:49		
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	0.59		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-17 Date Collected: 09/25/06 16:00

Client ID: MW-554D-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-18	Date Collected:	09/25/06 13:40
Client ID:	MW-556S-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 01:27		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-18 Date Collected: 09/25/06 13:40

Client ID: MW-556S-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-19	Date Collected:	09/25/06 15:25
Client ID:	MW-554MB-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 02:05		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-19 Date Collected: 09/25/06 15:25

Client ID: MW-554MB-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-20	Date Collected:	09/25/06 16:10
Client ID:	MW-554MA-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 02:42		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-20 Date Collected: 09/25/06 16:10

Client ID: MW-554MA-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-21	Date Collected:	09/25/06 12:42
Client ID:	MW-556D-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 03:20		
Analyst:	PD		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-21 Date Collected: 09/25/06 12:42

Client ID: MW-556D-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-22	Date Collected:	09/25/06 12:50
Client ID:	MW-556M-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 01:41		
Analyst:	BT		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-22 Date Collected: 09/25/06 12:50

Client ID: MW-556M-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-23	Date Collected:	09/25/06 00:00
Client ID:	DUP-002-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 02:18		
Analyst:	BT		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-23 Date Collected: 09/25/06 00:00

Client ID: DUP-002-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-24	Date Collected:	09/25/06 15:30
Client ID:	MW-101-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 02:55		
Analyst:	BT		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-24 Date Collected: 09/25/06 15:30

Client ID: MW-101-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID:	L0613772-25	Date Collected:	09/25/06 07:00
Client ID:	TB-001-20060925-01	Date Received:	09/26/06
Sample Location:	WAYLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 12:38		
Analyst:	BT		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

SAMPLE RESULTS

Lab ID: L0613772-25 Date Collected: 09/25/06 07:00

Client ID: TB-001-20060925-01 Date Received: 09/26/06

Sample Location: WAYLAND, MA Field Prep: Not Specified

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 25 Batch: WG254994-12				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 22-24 Batch: WG254994-9				
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	89		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Lab Control Sample Analysis
Batch Quality Control

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Lab Control Sample Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Lab Control Sample Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Lab Control Sample Analysis

Batch Quality Control

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

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

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

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

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

METALS

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

SAMPLE RESULTS

Lab ID: L0613772-01
Client ID: MW-201S-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 13:55
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-02
Client ID: MW-201D-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 15:20
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-03
Client ID: MW-202S-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 15:40
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-04
Client ID: MW-202M-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 14:30
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-05
Client ID: MW-201M-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 16:25
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-06
Client ID: MW-204S-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 11:45
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-07
Client ID: MW-204M-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 12:40
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-08
Client ID: MW-208S-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 10:00
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-09
Client ID: MW-208M-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 12:00
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-10
Client ID: MW-204D-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 10:10
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-11
Client ID: MW-102-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 14:05
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-12
Client ID: MW-103-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 11:14
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

Lab ID: L0613772-13
Client ID: MW-214-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 15:40
Date Received: 09/26/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

Lab ID: L0613772-24
Client ID: MW-101-20060925-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/25/06 15:30
Date Received: 09/26/06
Field Prep: Field Filtered

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Method Blank Analysis
Batch Quality Control

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

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613772

Report Date: 10/03/06

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

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613772-01A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-01B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-01C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-02A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-02B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-02C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-03A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-03B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-03C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-04A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-04B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-04C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-05A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-05B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-05C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-06A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-06B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-06C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-07A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-07B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-07C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-08A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-08B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-08C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-09A	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-09B	Vial Na2S2O3 preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-09C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S
L0613772-10A	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-10B	Vial HCl preserved	A	N/A	1.8 C	Y	Absent	MCP-8260-04
L0613772-10C	Plastic 250ml HNO3 preserved	A	<2	1.8 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Container Information

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

Container Information

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

Container Comments

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

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

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

ND - Not detected at the reported detection limit for the sample.

RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Report Format: Not Specified

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613772

Project Number: 42925 **Report Date:** 10/03/06

REFERENCES

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

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

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

CHAIN OF CUSTODY

PAGE 1 OF 3

ALPHA WOODS HOLE LABS
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/26

ALPHA Job #: L0613772

Client Information

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

Project Information

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

Turn-Around Time

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

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

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

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:
Preservative "O" = Sodium thiosulfate, ~~[illegible]~~ (JF)

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

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8021c by 8260	Diss. Na (FF)	8021c by 8260	Sample Specific Comments	TOTAL # BOTTLES
3772 ~~1~~	~~DUP-001-20060925-01~~	~~9/25/06~~	~~2400~~	~~GW~~	~~BM~~			(JF)		1
1	MW-201S-20060925-01	9/25	13:55	GW	BM	[illegible]	1	2		3
3772 2	MW-201D-20060925-01	9/25	15:20	GW	BM	[illegible]	1	2		3
3	MW-202S-20060925-01	9/25	15:45	GW	HEA	2	1			3
4	MW-202M-20060925-01	9/25	14:30	GW	HEA	2	1			3
5	MW-201M-20060925-01	9/25	16:25	GW	BM	2	1			3
6	MW-204S-20060925-01	9/25	11:45	GW	HEA	2	1			3
7	MW-204M-20060925-01	9/25	12:40	GW	HEA	2	1			3
8	MW-208S-20060925-01	9/25	10:00	GW	BM	2	1			3
9	MW-208M-20060925-01	9/25	12:00	GW	BM	[illegible]	1	2		3
					Container Type	V	P	V		
					Preservative	B	C	O		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/26/06 9:55	[signature]	9/26/06 10[illegible]
	9/26 1050	[signature]	9/26 1050

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

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

CHAIN OF CUSTODY

PAGE 2 OF 3

ALPHA
WOODS HOLE LABS

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

Date Rec'd in Lab: 9/26

ALPHA Job #: L0613772

Client Information

Client: ERM

Address: 399 Boylston St, 6th Floor
Boston, MA ~~02200~~ 02116

Phone (617) 646-7800

Fax: (617) 267-6447

Email: jeremy.picard@erm.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon, Wayland

Project Location: Wayland, MA

Project #: ~~42~~ 42925

Project Manager: Jeremy Picard

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/3 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA / MCP

Criteria: GW-1

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:

preservative "0" = Sodium thiosulfate, ~~Na2S2O3~~ (JDF)

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

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials			Sample Specific Comments	TOTAL # BOTTLES
3772 10	MW-20~~0~~D-20060925-01	9/25	10:10	GW	HEA	2	1		3
11	MW-102-20060925-01-MD	9/25	14:05	GW	JDF	[illegible]	1	2	3
11	MW-102-20060925-01-MS	9/25	14:05	GW	JDF	[illegible]	1	2	3
11	MW-102-20060925-01	9/25	14:05	GW	JDF	[illegible]	1	2	3
12	MW-103-20060925-01	9/25	11:14	GW	JDF	2	1		3
13	MW-214-20060925-01	9/25	15:40	GW	JDF	2	1		3
14	MW-213-20060925-01	9/25	12:36	GW	JDF	[illegible]	1	2	3
15	MW-216D-20060925-01	9/25	10:00	GW	TD	[illegible]		[illegible]	2
16	MW-554S-20060925-01	9/25	16:45	GW	TD	2			2
17	MW-554D-20060925-01	9/25	16:00	GW	TD	2			2

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type	V	P	V
Preservative	B	C	0

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/26/06 9:55	[signature]	9/26/6 [illegible]
	9/26 1650	[signature]	9/26 1650

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

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

CHAIN OF CUSTODY PAGE 3 OF 3

ALPHA WOODS HOLE LABS
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM,MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/26

ALPHA Job #: L0G13772

Client Information

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

Project Information

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

Turn-Around Time

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

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

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

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "O" = Sodium Thiosulfate ~~H_2SO_4~~ HCl

ANALYSIS: 8021C by 8260 D;SS. Na (FF)

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TOTAL # BOTTLES	Sample Specific Comments
3772 18	MW-556S-20060925-01	9/25/06	13:40	GW	EJM	2	2
19	MW-554MB-20060925-01	9/25	15:25	GW	EJM	2	2
20	MW-554MA-20060925-01	9/25	16:10	GW	EJM	2	2
21	MW-556D-20060925-01	9/25	12:42	GW	EJM	2	2
22	MW-556M-20060925-01	9/25	12:50	GW	TD	2	2
23	DUP-002-20060925-01	9/25	24:00	GW	JDF	2	3
24	MW-101-20060925-01	9/25	15:30	GW	JDF	2	3
25	TB-001-20060925-01	9/25	0700	LW	EJM	2	2

Container Type: V P
Preservative: B O

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	9/26/06 9:55		9/26/06 10
	9/24 1050		9/26 1050

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

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

ANALYTICAL REPORT

Lab Number:	L0613815
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON-WAYLAND
Project Number:	42925
Report Date:	10/04/06

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

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

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

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

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

Case Narrative

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

MCP Related Narratives:

Volatile Organics

In reference to question E:

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

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

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

Metals

In reference to question F:

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

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

Authorized Signature:

Title: Technical Director Date: 10/04/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-01	Date Collected:	09/26/06 16:50
Client ID:	MW-47S-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 01:23		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-01 Date Collected: 09/26/06 16:50

Client ID: MW-47S-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-02	Date Collected:	09/26/06 16:50
Client ID:	MW-40S-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 01:59		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-02 Date Collected: 09/26/06 16:50

Client ID: MW-40S-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-03	Date Collected:	09/26/06 17:00
Client ID:	MW-203S-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 03:58		
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	8.2		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.9		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-03 Date Collected: 09/26/06 17:00

Client ID: MW-203S-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-04	Date Collected:	09/26/06 15:55
Client ID:	MW-40-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 02:35		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-04 Date Collected: 09/26/06 15:55

Client ID: MW-40-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-05	Date Collected:	09/26/06 00:00
Client ID:	DUP-005-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 10:03		
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	9.1		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	3.5		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.59		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	5.0		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	3.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-05 Date Collected: 09/26/06 00:00

Client ID: DUP-005-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID:	L0613815-06	Date Collected:	09/26/06 00:00
Client ID:	DUP-006-20060926-01	Date Received:	09/27/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 03:11		
Analyst:	RY		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

SAMPLE RESULTS

Lab ID: L0613815-06 Date Collected: 09/26/06 00:00

Client ID: DUP-006-20060926-01 Date Received: 09/27/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis
Batch Quality Control

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

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

Lab Control Sample Analysis
Batch Quality Control

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

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

Lab Control Sample Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis
Batch Quality Control

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

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

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

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

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

METALS

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

Lab ID: L0613815-03
Client ID: MW-203S-20060926-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/26/06 17:00
Date Received: 09/27/06
Field Prep: Field Filtered

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

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

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

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

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

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

SAMPLE RESULTS

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

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

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	47		mg/l	2.0	1	09/28/06 17:10	10/04/06 13:06	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-06 Batch: WG255065-1									
Sodium, Dissolved	ND		mg/l	2.0	1	09/28/06 17:10	10/04/06 12:06	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613815

Report Date: 10/04/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-06 Batch: WG255065-2 WG255065-3					
Sodium, Dissolved	96	98	80-120	2	20

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613815

Project Number: 42925 **Report Date:** 10/04/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613815-01A	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-01B	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-01C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-02A	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-02B	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-02C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-03A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-03B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-03C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-04A	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-04B	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-04C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-05A	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-05B	Vial HCl preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-05C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S
L0613815-06A	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-06B	Vial Na2S2O3 preserved	A	NA	3.2 C	Y	Absent	MCP-8260-04
L0613815-06C	Plastic 250ml HNO3 preserved	A	<2	3.2 C	Y	Absent	MCP-NA-6010S

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

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

ND - Not detected at the reported detection limit for the sample.

RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Report Format: Not Specified

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

REFERENCES

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

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

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

CHAIN OF CUSTODY

PAGE 1 OF 1

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

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

ALPHA Job #: L0613815

Client Information

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

Project Information

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

Turn-Around Time

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

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

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

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

☒ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☒ No Are Drinking Water Samples Submitted?
☒ Yes ☐ No Have you met minimum field QC requirements?

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "O" = Sodium Thiosulfate

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8021C by 8260	Diss Na	8021C by 8260	Sample Specific Comments	TOTAL # BOTTLES
3815.1	MW-47S-20060926-01	9/26/06	1650	GW	BM	✓	✓			3
2	MW-40S-20060926-01	9/26/06	1650	GW	EJM	✓	✓			3
3	MW-203S-20060126-01	9/26/06	1700	GW	HEA	✓	✓	✓		3
4	MW-40-20060926-01	9/26/06	1555	GW	EJM	✓	✓			3
5	DUP-005-20060926-01	9/26/06	2400	GW	EJM	✓	✓	✓		3
6	DUP-006-20060926-01	9/26/06	2400	GW	BM	✓	✓	✓		3

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

Container Type	✓	P	✓
Preservative	O	C	B

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Relinquished By:	Date/Time	Received By:	Date/Time
	9/27/06 11:13		9/27/06 10:25
	9/27/06 11:15		9/27/06 11:15

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

FORM NO: 01-01

ANALYTICAL REPORT

Lab Number:	L0613886
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON
Project Number:	42925
Report Date:	10/05/06

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

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

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Alpha Sample ID	Client ID	Sample Location
L0613886-01	TB-003-20060927-01	WAYLAND, MA
L0613886-02	IP-16S-20060927-01	WAYLAND, MA
L0613886-03	MW-405S-20060927-01	WAYLAND, MA
L0613886-04	IP-17D-20060927-01	WAYLAND, MA
L0613886-05	MW-212M-20060927-01	WAYLAND, MA
L0613886-06	MW-209-20060927-01	WAYLAND, MA
L0613886-07	MW-106-20060927-01	WAYLAND, MA
L0613886-08	MW-106M-20060927-01	WAYLAND, MA
L0613886-09	MW-404-20060927-01	WAYLAND, MA
L0613886-10	DUP-007-20060927-01	WAYLAND, MA
L0613886-11	MW-203D-20060927-01	WAYLAND, MA
L0613886-12	MW-203M-20060927-01	WAYLAND, MA
L0613886-13	MW-203M-20060927-01-MS	WAYLAND, MA
L0613886-14	MW-203M-20060927-01-MSD	WAYLAND, MA
L0613886-15	MW-115-20060927-01	WAYLAND, MA
L0613886-16	MW-113-20060927-01	WAYLAND, MA
L0613886-17	MW-111-20060927-01	WAYLAND, MA
L0613886-18	MW-107-20060927-01	WAYLAND, MA
L0613886-19	MW-109-20060927-01	WAYLAND, MA
L0613886-20	MW-47M-20060927-01	WAYLAND, MA
L0613886-21	MW-47D-20060927-01	WAYLAND, MA

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

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

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

Project Name:	RAYTHEON	**Lab Number:**	L0613886
Project Number:	42925	**Report Date:**	10/05/06

Case Narrative

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

MCP Related Narratives

Volatile Organics

L0613386-02, -03, -04, -07, -08, -09, -10, -18 and -21 had pH's >2.

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

L0613886-11: 2x

L0613886-15: 2.5x

In reference to question E:

WG255661-1,2; WG255663-2,3:

The LCSD % recovery for Dichlorodifluoromethane, a difficult analyte, is below the acceptance criteria for the method.

WG255661-4,5:

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

WG255675-4,5:

The LCS/LCSD % recoveries for 1,2-Dibromo-3-chloropropane and the LCS % recovery for 1,4-Dioxane, both difficult analytes, are below the acceptance criteria for the method.

WG255663-4,5:

The MSD % recovery for Dichlorodifluoromethane is below the acceptance criteria for the method.

In reference to question F:

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

Metals

L0613886-02 and -03 have elevated detection limits due to the 10x dilutions required by the elevated concentrations of Sodium in the samples.

L0613886-09 and -10 were analyzed on 10x dilutions in order to quantitate the samples within the dynamic

Project Name: RAYTHEON **Lab Number:** L0613886
Project Number: 42925 **Report Date:** 10/05/06

Case Narrative (continued)

linear range for Sodium.

In reference to question F:

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

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

Authorized Signature:

Title: Technical Director Date: 10/05/06

ORGANICS

VOLATILES

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-01	Date Collected:	09/25/06 11:15
Client ID:	TB-003-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	None
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 10:42		
Analyst:	MM		

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-01 Date Collected: 09/25/06 11:15

Client ID: TB-003-20060927-01 Date Received: 09/28/06

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	114		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-02	Date Collected:	09/27/06 15:10
Client ID:	IP-16S-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 10:42		
Analyst:	PD		

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-02 Date Collected: 09/27/06 15:10

Client ID: IP-16S-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-03	Date Collected:	09/27/06 16:05
Client ID:	MW-405S-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 11:20		
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 **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-03 Date Collected: 09/27/06 16:05

Client ID: MW-405S-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-04	Date Collected:	09/27/06 15:10
Client ID:	IP-17D-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 11:59		
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	0.77		ug/l	0.75	1
Chloroform	1.1		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	98		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.5		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-04 Date Collected: 09/27/06 15:10

Client ID: IP-17D-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-05	Date Collected:	09/27/06 11:25
Client ID:	MW-212M-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 11:17		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	0.69		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	6.3		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-05 Date Collected: 09/27/06 11:25

Client ID: MW-212M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-06	Date Collected:	09/27/06 11:05
Client ID:	MW-209-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 20:50		
Analyst:	MM		

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-06 Date Collected: 09/27/06 11:05

Client ID: MW-209-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-07	Date Collected:	09/27/06 10:36
Client ID:	MW-106-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 12:39		
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	1.6		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	14		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-07 Date Collected: 09/27/06 10:36

Client ID: MW-106-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-08	Date Collected:	09/27/06 09:08
Client ID:	MW-106M-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 13:19		
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	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	11		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-08 Date Collected: 09/27/06 09:08

Client ID: MW-106M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-09	Date Collected:	09/27/06 12:24
Client ID:	MW-404-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 21:23		
Analyst:	MM		

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-09 Date Collected: 09/27/06 12:24

Client ID: MW-404-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-10	Date Collected:	09/27/06 00:00
Client ID:	DUP-007-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 20:00		
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 **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-10 Date Collected: 09/27/06 00:00

Client ID: DUP-007-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-11	Date Collected:	09/27/06 11:00
Client ID:	MW-203D-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 21:56		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	10	2
1,1-Dichloroethane	ND		ug/l	1.5	2
Chloroform	ND		ug/l	1.5	2
Carbon tetrachloride	ND		ug/l	1.0	2
1,2-Dichloropropane	ND		ug/l	3.5	2
Dibromochloromethane	ND		ug/l	1.0	2
1,1,2-Trichloroethane	ND		ug/l	1.5	2
Tetrachloroethene	2.3		ug/l	1.0	2
Chlorobenzene	ND		ug/l	1.0	2
1,2-Dichloroethane	ND		ug/l	1.0	2
1,1,1-Trichloroethane	ND		ug/l	1.0	2
Bromodichloromethane	ND		ug/l	1.0	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	2
Bromoform	ND		ug/l	4.0	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	2
Chloromethane	ND		ug/l	5.0	2
Vinyl chloride	ND		ug/l	2.0	2
Chloroethane	ND		ug/l	2.0	2
1,1-Dichloroethene	ND		ug/l	1.0	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	2
Trichloroethene	80		ug/l	1.0	2
1,2-Dichlorobenzene	ND		ug/l	5.0	2
1,3-Dichlorobenzene	ND		ug/l	5.0	2
1,4-Dichlorobenzene	ND		ug/l	5.0	2
cis-1,2-Dichloroethene	6.9		ug/l	1.0	2
Dichlorodifluoromethane	ND		ug/l	10	2
1,2-Dibromoethane	ND		ug/l	4.0	2
1,3-Dichloropropane	ND		ug/l	5.0	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	2

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-11	Date Collected:	09/27/06 11:00
Client ID:	MW-203D-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-12	Date Collected:	09/27/06 08:50
Client ID:	MW-203M-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 20:39		
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	0.87		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	0.59		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	1.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-12 Date Collected: 09/27/06 08:50

Client ID: MW-203M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-15	Date Collected:	09/27/06 13:00
Client ID:	MW-115-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 10:19		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	12	2.5
1,1-Dichloroethane	ND		ug/l	1.9	2.5
Chloroform	ND		ug/l	1.9	2.5
Carbon tetrachloride	ND		ug/l	1.2	2.5
1,2-Dichloropropane	ND		ug/l	4.4	2.5
Dibromochloromethane	ND		ug/l	1.2	2.5
1,1,2-Trichloroethane	ND		ug/l	1.9	2.5
Tetrachloroethene	ND		ug/l	1.2	2.5
Chlorobenzene	ND		ug/l	1.2	2.5
1,2-Dichloroethane	ND		ug/l	1.2	2.5
1,1,1-Trichloroethane	31		ug/l	1.2	2.5
Bromodichloromethane	ND		ug/l	1.2	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	2.5
Bromoform	ND		ug/l	5.0	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	2.5
Chloromethane	ND		ug/l	6.2	2.5
Vinyl chloride	ND		ug/l	2.5	2.5
Chloroethane	ND		ug/l	2.5	2.5
1,1-Dichloroethene	1.2		ug/l	1.2	2.5
trans-1,2-Dichloroethene	ND		ug/l	1.9	2.5
Trichloroethene	120		ug/l	1.2	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	2.5
cis-1,2-Dichloroethene	ND		ug/l	1.2	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5
1,2-Dibromoethane	ND		ug/l	5.0	2.5
1,3-Dichloropropane	ND		ug/l	6.2	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	1.2	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-15	Date Collected:	09/27/06 13:00
Client ID:	MW-115-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
o-Chlorotoluene	ND		ug/l	6.2	2.5
p-Chlorotoluene	ND		ug/l	6.2	2.5
Hexachlorobutadiene	ND		ug/l	1.5	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-16	Date Collected:	09/27/06 16:00
Client ID:	MW-113-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 23:13		
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	0.79		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	6.1		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	41		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.0		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-16 Date Collected: 09/27/06 16:00

Client ID: MW-113-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-17	Date Collected:	09/27/06 15:30
Client ID:	MW-111-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 09:40		
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	0.80		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	8.4		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	40		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-17 Date Collected: 09/27/06 15:30

Client ID: MW-111-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-18	Date Collected:	09/27/06 12:20
Client ID:	MW-107-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 00:30		
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	61		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	7.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-18 Date Collected: 09/27/06 12:20

Client ID: MW-107-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-19	Date Collected:	09/27/06 13:40
Client ID:	MW-109-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 01:08		
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	28		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	5.0		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-19 Date Collected: 09/27/06 13:40

Client ID: MW-109-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-20	Date Collected:	09/27/06 09:30
Client ID:	MW-47M-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 01:46		
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	64		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	4.7		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-20 Date Collected: 09/27/06 09:30

Client ID: MW-47M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613886-21	Date Collected:	09/27/06 11:00
Client ID:	MW-47D-20060927-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/03/06 22:30		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.6		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.8		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-21 Date Collected: 09/27/06 11:00

Client ID: MW-47D-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	113		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-04,07-08 Batch: WG255413-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 02-04,07-08 Batch: WG255413-6				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 10,16,18-20 Batch: WG255661-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 10,16,18-20 Batch: WG255661-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 15,17 Batch: WG255661-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 15,17 Batch: WG255661-6				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255663-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255663-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 06,09,11,21 Batch: WG255675-6				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

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

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 10:09
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01,05 Batch: WG255841-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 10:09
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01,05 Batch: WG255841-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-04,07-08 Batch: WG255413-4 WG255413-5					
Methylene chloride	111	100	70-130	10	25
1,1-Dichloroethane	116	102	70-130	13	25
Chloroform	119	105	70-130	13	25
Carbon tetrachloride	130	116	70-130	11	25
1,2-Dichloropropane	113	101	70-130	11	25
Dibromochloromethane	108	97	70-130	11	25
1,1,2-Trichloroethane	102	94	70-130	8	25
Tetrachloroethene	119	101	70-130	16	25
Chlorobenzene	115	101	70-130	13	25
1,2-Dichloroethane	120	107	70-130	11	25
1,1,1-Trichloroethane	124	108	70-130	14	25
Bromodichloromethane	118	104	70-130	13	25
trans-1,3-Dichloropropene	98	88	70-130	11	25
cis-1,3-Dichloropropene	108	96	70-130	12	25
Bromoform	106	98	70-130	8	50
1,1,2,2-Tetrachloroethane	93	88	70-130	6	25
Chloromethane	100	86	70-130	15	50
Vinyl chloride	109	96	70-130	13	25
Chloroethane	124	112	70-130	10	25
1,1-Dichloroethene	113	104	70-130	8	25
trans-1,2-Dichloroethene	118	102	70-130	15	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925
Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 02-04,07-08 Batch: WG255413-4 WG255413-5					
Trichloroethene	120	104	70-130	14	25
1,2-Dichlorobenzene	112	100	70-130	11	25
1,3-Dichlorobenzene	114	100	70-130	13	25
1,4-Dichlorobenzene	114	99	70-130	14	25
cis-1,2-Dichloroethene	121	105	70-130	14	25
Dichlorodifluoromethane	88	76	70-130	15	50
1,2-Dibromoethane	104	100	70-130	4	25
1,3-Dichloropropane	103	96	70-130	7	25
1,1,1,2-Tetrachloroethane	119	104	70-130	13	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	109	96	70-130	13	25
Hexachlorobutadiene	108	93	70-130	15	25
1,2,4-Trichlorobenzene	108	95	70-130	13	25

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 10,16,18-20 Batch: WG255661-1 WG255661-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,2,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925
Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 10,16,18-20 Batch: WG255661-1 WG255661-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	**66**	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 15,17 Batch: WG255661-4 WG255661-5					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 15,17 Batch: WG255661-4 WG255661-5					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	**68**	**60**	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255663-1 WG255663-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,2,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255663-1 WG255663-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	**66**	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
Methylene chloride	101	98	70-130	3	25
1,1-Dichloroethane	93	92	70-130	1	25
Chloroform	93	92	70-130	1	25
Carbon tetrachloride	78	79	70-130	1	25
1,2-Dichloropropane	94	95	70-130	1	25
Dibromochloromethane	71	71	70-130	0	25
1,1,2-Trichloroethane	94	93	70-130	1	25
Tetrachloroethene	100	95	70-130	5	25
Chlorobenzene	96	93	70-130	3	25
Trichlorofluoromethane	115	112	70-130	3	25
1,2-Dichloroethane	97	97	70-130	0	25
1,1,1-Trichloroethane	82	82	70-130	0	25
Bromodichloromethane	76	81	70-130	6	25
trans-1,3-Dichloropropene	77	76	70-130	1	25
cis-1,3-Dichloropropene	81	84	70-130	4	25
1,1-Dichloropropene	97	95	70-130	2	25
Bromoform	71	72	70-130	1	50
1,1,2,2-Tetrachloroethane	92	94	70-130	2	25
Benzene	98	96	70-130	2	25
Toluene	100	93	70-130	7	25
Ethylbenzene	102	96	70-130	6	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
Chloromethane	97	96	70-130	1	50
Bromomethane	80	86	70-130	7	50
Vinyl chloride	100	99	70-130	1	25
Chloroethane	102	99	70-130	3	25
1,1-Dichloroethene	93	90	70-130	3	25
trans-1,2-Dichloroethene	96	92	70-130	4	25
Trichloroethene	88	88	70-130	0	25
1,2-Dichlorobenzene	90	91	70-130	1	25
1,3-Dichlorobenzene	94	93	70-130	1	25
1,4-Dichlorobenzene	94	94	70-130	0	25
Methyl tert butyl ether	85	88	70-130	3	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	102	97	70-130	5	25
cis-1,2-Dichloroethene	97	99	70-130	2	25
Dibromomethane	95	98	70-130	3	25
1,2,3-Trichloropropane	98	100	70-130	2	25
Styrene	93	89	70-130	4	25
Dichlorodifluoromethane	121	118	70-130	3	50
Acetone	98	110	70-130	12	50
Carbon disulfide	72	70	70-130	3	25
2-Butanone	97	100	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
4-Methyl-2-pentanone	102	98	70-130	4	50
2-Hexanone	100	94	70-130	6	50
Bromochloromethane	98	95	70-130	3	25
Tetrahydrofuran	78	79	70-130	1	25
2,2-Dichloropropane	87	86	70-130	1	50
1,2-Dibromoethane	92	88	70-130	4	25
1,3-Dichloropropane	98	96	70-130	2	25
1,1,1,2-Tetrachloroethane	77	78	70-130	1	25
Bromobenzene	92	92	70-130	0	25
n-Butylbenzene	98	94	70-130	4	25
sec-Butylbenzene	101	97	70-130	4	25
tert-Butylbenzene	97	94	70-130	3	25
o-Chlorotoluene	102	99	70-130	3	25
p-Chlorotoluene	99	97	70-130	2	25
1,2-Dibromo-3-chloropropane	**62**	**64**	70-130	3	50
Hexachlorobutadiene	90	87	70-130	3	25
Isopropylbenzene	108	103	70-130	5	25
p-Isopropyltoluene	96	92	70-130	4	25
Naphthalene	88	91	70-130	3	25
n-Propylbenzene	98	97	70-130	1	25
1,2,3-Trichlorobenzene	89	92	70-130	3	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 06,09,11,21 Batch: WG255675-4 WG255675-5					
1,2,4-Trichlorobenzene	83	82	70-130	1	25
1,3,5-Trimethylbenzene	98	95	70-130	3	25
1,2,4-Trimethylbenzene	101	100	70-130	1	25
Ethyl ether	97	97	70-130	0	25
Isopropyl Ether	93	95	70-130	2	25
Ethyl-Tert-Butyl-Ether	90	92	70-130	2	25
Tertiary-Amyl Methyl Ether	87	88	70-130	1	25
1,4-Dioxane	**69**	73	70-130	6	50

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01,05 Batch: WG255841-1 WG255841-2					
Methylene chloride	105	98	70-130	7	25
1,1-Dichloroethane	100	95	70-130	5	25
Chloroform	101	97	70-130	4	25
Carbon tetrachloride	86	82	70-130	5	25
1,2-Dichloropropane	101	95	70-130	6	25
Dibromochloromethane	77	75	70-130	3	25
1,1,2-Trichloroethane	97	95	70-130	2	25
Tetrachloroethene	108	96	70-130	12	25
Chlorobenzene	102	94	70-130	8	25
1,2-Dichloroethane	101	98	70-130	3	25
1,1,1-Trichloroethane	90	86	70-130	5	25
Bromodichloromethane	85	82	70-130	4	25
trans-1,3-Dichloropropene	83	83	70-130	0	25
cis-1,3-Dichloropropene	86	85	70-130	1	25
Bromoform	71	71	70-130	0	50
1,1,2,2-Tetrachloroethane	93	91	70-130	2	25
Chloromethane	96	86	70-130	11	50
Vinyl chloride	101	95	70-130	6	25
Chloroethane	109	100	70-130	9	25
1,1-Dichloroethene	96	90	70-130	6	25
trans-1,2-Dichloroethene	101	94	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01,05 Batch: WG255841-1 WG255841-2					
Trichloroethene	97	91	70-130	6	25
1,2-Dichlorobenzene	96	91	70-130	5	25
1,3-Dichlorobenzene	98	92	70-130	6	25
1,4-Dichlorobenzene	98	92	70-130	6	25
cis-1,2-Dichloroethene	106	99	70-130	7	25
Dichlorodifluoromethane	122	109	70-130	11	50
1,2-Dibromoethane	96	94	70-130	2	25
1,3-Dichloropropane	102	97	70-130	5	25
1,1,1,2-Tetrachloroethane	83	82	70-130	1	25
o-Chlorotoluene	101	105	70-130	4	25
p-Chlorotoluene	102	96	70-130	6	25
Hexachlorobutadiene	94	84	70-130	11	25
1,2,4-Trichlorobenzene	84	82	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255663-4 WG255663-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01									
Methylene chloride	ND	10	10	100	10	103	70-130	3	30
1,1-Dichloroethane	ND	10	11	110	10	105	70-130	5	30
Chloroform	ND	10	10	102	9.6	96	70-130	6	30
Carbon tetrachloride	ND	10	12	124	11	114	70-130	8	30
1,2-Dichloropropane	ND	10	10	106	10	102	70-130	4	30
Dibromochloromethane	ND	10	11	110	11	108	70-130	2	30
1,1,2-Trichloroethane	ND	10	11	108	11	108	70-130	0	30
Tetrachloroethene	0.87	10	12	111	12	106	70-130	5	30
Chlorobenzene	ND	10	11	111	11	109	70-130	2	30
1,2-Dichloroethane	ND	10	12	117	11	113	70-130	3	30
1,1,1-Trichloroethane	0.59	10	12	118	12	111	70-130	6	30
Bromodichloromethane	ND	10	11	108	10	103	70-130	5	30
trans-1,3-Dichloropropene	ND	10	9.7	97	9.7	97	70-130	0	30
cis-1,3-Dichloropropene	ND	10	9.7	97	9.3	93	70-130	4	30
Bromoform	ND	10	11	114	11	112	70-130	2	30
1,1,2,2-Tetrachloroethane	ND	10	10	105	10	104	70-130	1	30
Chloromethane	ND	10	8.4	84	8.5	85	70-130	1	30
Vinyl chloride	ND	10	10	103	10	100	70-130	3	30
Chloroethane	ND	10	12	116	11	109	70-130	6	30
1,1-Dichloroethene	ND	10	10	105	10	100	70-130	5	30
trans-1,2-Dichloroethene	ND	10	11	110	10	102	70-130	8	30

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 QC Batch ID: WG255663-4 WG255663-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01									
Trichloroethene	1.6	10	12	109	12	102	70-130	7	30
1,2-Dichlorobenzene	ND	10	11	113	11	110	70-130	3	30
1,3-Dichlorobenzene	ND	10	11	111	11	108	70-130	3	30
1,4-Dichlorobenzene	ND	10	11	111	11	107	70-130	4	30
cis-1,2-Dichloroethene	ND	10	12	117	11	109	70-130	7	30
Dichlorodifluoromethane	ND	10	7.0	70	6.7	**67**	70-130	4	30
1,2-Dibromoethane	ND	10	11	112	11	111	70-130	1	30
1,3-Dichloropropane	ND	10	11	110	11	109	70-130	1	30
1,1,1,2-Tetrachloroethane	ND	10	12	117	12	115	70-130	2	30
o-Chlorotoluene	ND	10	10	100	9.6	96	70-130	4	30
p-Chlorotoluene	ND	10	11	107	10	102	70-130	5	30
Hexachlorobutadiene	ND	10	10	102	10	100	70-130	2	30
1,2,4-Trichlorobenzene	ND	10	10	104	10	103	70-130	1	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		107		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	103		104		70-130
Toluene-d8	95		98		70-130

METALS

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-02
Client ID: IP-16S-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water

Date Collected: 09/27/06 15:10
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	310		mg/l	20	10	09/29/06 17:20	10/05/06 14:57	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-03 Date Collected: 09/27/06 16:05

Client ID: MW-405S-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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	350		mg/l	20	10	09/29/06 17:20	10/05/06 15:00	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-04
Client ID: IP-17D-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 15:10
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	280		mg/l	10	5	09/29/06 17:20	10/05/06 16:19	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-05 Date Collected: 09/27/06 11:25

Client ID: MW-212M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	470		mg/l	10	5	09/29/06 17:20	10/05/06 16:22	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-06
Client ID: MW-209-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 11:05
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	60		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:11	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-07
Client ID: MW-106-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 10:36
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	130		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:22	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-08 Date Collected: 09/27/06 09:08

Client ID: MW-106M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	260		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:25	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-09
Client ID: MW-404-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 12:24
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	440		mg/l	20	10	09/29/06 17:20	10/05/06 15:28	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-10 Date Collected: 09/27/06 00:00

Client ID: DUP-007-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	440		mg/l	20	10	09/29/06 17:20	10/05/06 15:31	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-11
Client ID: MW-203D-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 11:00
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	67		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:34	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-12 Date Collected: 09/27/06 08:50

Client ID: MW-203M-20060927-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	140		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:41	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-15
Client ID: MW-115-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 13:00
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	58		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:37	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-16
Client ID: MW-113-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water

Date Collected: 09/27/06 16:00
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	34		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:40	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-17
Client ID: MW-111-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 15:30
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:43	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-18
Client ID: MW-107-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 12:20
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	46		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:46	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-19
Client ID: MW-109-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 13:40
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	16		mg/l	2.0	1	09/29/06 17:20	10/05/06 15:49	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-20
Client ID: MW-47M-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 09:30
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	20		mg/l	2.0	1	09/29/06 17:20	10/05/06 16:00	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON
Lab Number: L0613886
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613886-21
Client ID: MW-47D-20060927-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/27/06 11:00
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	99		mg/l	2.0	1	09/29/06 17:20	10/05/06 16:03	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON **Lab Number:** L0613886

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 02-12,15-21 Batch: WG255273-1									
Sodium, Dissolved	ND		mg/l	2.0	1	09/29/06 17:20	10/05/06 14:44	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON

Project Number: 42925

Lab Number: L0613886

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series	Associated sample(s): 02-12,15-21	Batch: WG255273-2 WG255273-3			
Sodium, Dissolved	96	95	80-120	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 02-12,15-21 QC Batch ID: WG255273-4 WG255273-5 QC Sample: L0613886-12 Client ID: MW-203M-20060927-01									
Sodium, Dissolved	140	10	150	100	150	100	75-125	0	20

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613886-01A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-02C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-03A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-03B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-03C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-04A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-04B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-04C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-05A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-05B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-05C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-06A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-06B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-06C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-07A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-07B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-07C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-08A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-08B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-08C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-09A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-09B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-09C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-10A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-10B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-10C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-11A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-11B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON
Project Number: 42925

Lab Number: L0613886
Report Date: 10/05/06

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613886-11C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12D	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12E	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12F	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12G	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-12H	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-12I	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-15A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-15B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-15C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-16A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-16B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-16C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-17A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-17B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-17C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-18A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-18B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-18C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-19A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-19B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-19C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-20A	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-20B	Vial HCl preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-20C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S
L0613886-21A	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-21B	Vial Na2S2O3 preserved	A	NA	0.8 C	Y	Absent	MCP-8260-04
L0613886-21C	Plastic 500ml HNO3 preserved	A	<2	0.8 C	Y	Absent	MCP-NA-6010S

Project Name: RAYTHEON
Project Number: 42925
Lab Number: L0613886
Report Date: 10/05/06

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Report Format: Not Specified

Project Name: RAYTHEON
Project Number: 42925
Lab Number: L0613886
Report Date: 10/05/06

REFERENCES

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

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

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

CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

ALPHA
WOODS HOLE LABS
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

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

Project Information

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

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/5/06 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA/MCP Criteria:

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:
PRESERVATIVE "O" = SODIUM THIOSULFATE

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8021c by 8260	8021c by 8260 Dissolved No.	SAMPLE HANDLING Filtration ☒ Done ☐ Not needed ☐ Lab to do Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
3886-01	TB-003-20060927-01	9/25/06	11:15	GW	ZP	1				1
-02	IP-16S-20060927-01	9/27/06	15:10	GW	TD	2	1			3
-03	MW-402S-20060927-01	9/27/06	16:05	GW	JDF	2	1			3
-04	IP-17D-20060927-01	9/27/06	15:10	GW	JDF	2	1			3
-05	MW-212M-20060927-01	9/27/06	11:25	GW	TD	2	1			3
-06	MW-209-20060927-01	9/27/06	11:05	GW	EJM	2	1			3
-07	MW-106-20060927-01	9/27/06	10:36	GW	JDF	2	1			3
-08	MW-106M-20060927-01	9/27/06	9:08	GW	JDF	2	1			3
-09	MW-404-20060927-01	9/27/06	12:24	GW	JDF	2	1			3
-10	DUP-007-20060927-01	9/27/06	24:00	GW	JDF	2	1			3

Container Type	V	V	P
Preservative	B	O	C

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Gilbert	9/25/06 11:35	Paul Gilbert	9-28-06 11:35
	9-28-06 1210	T. Fleming	9/28/06 1210

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.

FORMNO: 01-01 (rev. 10-OCT-05)

CHAIN OF CUSTODY

PAGE 2 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

ALPHA
WOODS HOLE LABS
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: ERM-BOSTON
Address: 399 BOYLSTON ST 6TH FLOOR
BOSTON, MA 02116
Phone: (617) 646-7800
Fax: (617) 267-6447
Email: jeremy.picard@erm.com
☐ These samples have been previously analyzed by Alpha

Project Information

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

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/5/06 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

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

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:
PRESERVATIVE "O" = SODIUM THIOSULFATE

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8021c by 8260	ANALYSIS Dissolved Na	ANALYSIS 8021c by 8260	Sample Specific Comments	TOTAL # BOTTLES
3886-11	MW-203D-20060927-01	9/27/06	11:00	GW	HEA	2	1			3
-12	MW-203M-20060927-01	9/27/06	8:50	GW	HEA	2	1			3
-13	MW-203M-20060927-01-MS	9/27/06	8:50	GW	HEA	2	1			3
-14	MW-203M-20060927-01-MSD	9/27/06	8:50	GW	HEA	2	1			3
-15	MW-115-20060927-01	9/27/06	13:00	GW	HEA	2	1			3
-16	MW-113-20060927-01	9/27/06	16:00	GW	HEA	2	1			3
-17	MW-111-20060927-01	9/27/06	15:30	GW	BM	2	1			3
-18	MW-107-20060927-01	9/27/06	12:20	GW	BM		1	2		3
-19	MW-109-20060927-01	9/27/06	13:40	GW	BM	2	1			3
-20	MW-47M-20060927-01	9/27/06	9:30	GW	BM	2	1			3
	Container Type					V	P	V		
	Preservative					B	C	O		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Gilbert	9/23/06 11:35	Paul Gilbert	9-28-06 11:35
	9-28-06 1210	T Flaherty	9/28/06 1210

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.

FORMNO: 01-01 (rev. 10-OCT-05)

CHAIN OF CUSTODY

PAGE 3 OF 3

Date Rec'd in Lab: 9/28/06

ALPHA Job #: L0613886

ALPHA
WOODS HOLE LABS
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: ERM - BOSTON
Address: 399 BOYLSTON ST 6TH FLOOR BOSTON, MA 02116
Phone: (617) 646 - 7800
Fax: (617) 267 - 6447
Email: jeremy.picard@erm.com
☐ These samples have been previously analyzed by Alpha

Project Information

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

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/5/06 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MCP
Criteria: METHOD 1/GW1

MAMCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

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

Other Project Specific Requirements/Comments/Detection Limits:
PRESERVATIVE "O" = SODIUM THIOSULFATE

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8021C by 8260 Dissolved NA	SAMPLE HANDLING Filtration ☒ Done ☐ Not needed ☐ Lab to do Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
38886-21	MW-47D-20060927-01	9/27/06	11:00	GW	BM	2 1			3

Container Type: V P
Preservative: O C

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Gilbert	9/28/06 11:35	Paul Gilbert	9/28/06 11:55
	9-28-06 1910	TFleiss	9/28/06 1210

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

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

ANALYTICAL REPORT

Lab Number:	L0613929
Client:	ERM-New England 399 Boylston Street 6th Floor Boston, MA 02116
ATTN:	Jeremy Picard
Project Name:	RAYTHEON-WAYLAND
Project Number:	42925
Report Date:	10/05/06

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

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

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Alpha Sample ID	Client ID	Sample Location
L0613929-01	MW-212-20060928-01	WAYLAND, MA
L0613929-02	MW-210-20060928-01	WAYLAND, MA
L0613929-03	MW-105-20060928-01	WAYLAND, MA
L0613929-04	MW-211-20060928-01	WAYLAND, MA
L0613929-05	MW-104-20060928-01	WAYLAND, MA
L0613929-06	TB-004-20060928-01	WAYLAND, MA
L0613929-07	DUP-008-20060928-01	WAYLAND, MA
L0613929-08	MW-118-20060928-01	WAYLAND, MA
L0613929-09	MW-105M-20060928-01	WAYLAND, MA
L0613929-10	MW-117-20060928-01	WAYLAND, MA
L0613929-11	MW-403-20060928-01	WAYLAND, MA
L0613929-12	MW-43S-20060928-01	WAYLAND, MA
L0613929-13	MW-33S-20060928-01	WAYLAND, MA
L0613929-14	MW-33M-20060928-01	WAYLAND, MA

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

MADEP MCP Response Action Analytical Report Certification

The following questions pertain only to MCP Analytical Methods

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

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

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929
Project Number: 42925 **Report Date:** 10/05/06

Case Narrative

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

MCP Related Narratives
Volatile Organics
L0613929-02, -03, -07, -08, -09 and -11 had pH's >2.
The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:
L0613929-11: 10x
L0613929-13: 5x
In reference to question E:
WG255661-1,2:
The LCSD % recovery for Dichlorodifluoromethane, a difficult analyte, is below the acceptance criteria for the method.
WG255661-4,5; WG255736-1,2:
The LCS/LCSD % recoveries for Dichlorodifluoromethane are below the acceptance criteria for the method.
WG255871-1,2:
The LCS/LCSD % recoveries for Bromomethane, 1,4-Dioxane, Bromoform and 1,2-Dibromo-3-chloropropane, all difficult analytes, are below the acceptance criteria for the method.
WG255736-4,5:
The MS/MSD % recoveries for Dichlorodifluoromethane and the MSD % recovery for Trichloroethene are below the acceptance criteria for the method.
The MS/MSD RPD for Trichloroethene is above the acceptance criteria for the method.
Metals
L0613929-02, -03, and -09 were re-analyzed on 5x dilutions in order to quantitate the samples within the dynamic linear range for Sodium. The result is reported as a greater than value for the element that exceeded the dynamic linear range on the initial analysis. The re-analysis was performed only for Sodium.
L0613929-11 was re-analyzed on a 2x dilution in order to quantitate the sample within the dynamic linear

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929
Project Number: 42925 **Report Date:** 10/05/06

Case Narrative (continued)

range for Sodium. The result is reported as a greater than value for the element that exceeded the dynamic linear range on the initial analysis. The re-analysis was performed only for Sodium.

In reference to question E:

The MS/MSD % recoveries for Sodium are invalid because the sample concentration is greater than four times the spike amount added.

In reference to question F:

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

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

Authorized Signature:

Title: Technical Director Date: 10/05/06

ORGANICS

VOLATILES

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-01	Date Collected:	09/28/06 10:45
Client ID:	MW-212-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 12:59		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	2.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-01 Date Collected: 09/28/06 10:45

Client ID: MW-212-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-02	Date Collected:	09/28/06 11:45
Client ID:	MW-210-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 13:33		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	1.5		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	17		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.5		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-02 Date Collected: 09/28/06 11:45

Client ID: MW-210-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-03	Date Collected:	09/28/06 11:45
Client ID:	MW-105-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 14:07		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	0.86		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	1.8		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-03 Date Collected: 09/28/06 11:45

Client ID: MW-105-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-04	Date Collected:	09/28/06 09:55
Client ID:	MW-211-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 14:41		
Analyst:	MM		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-04 Date Collected: 09/28/06 09:55

Client ID: MW-211-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-05	Date Collected:	09/28/06 10:07
Client ID:	MW-104-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 18:00		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	2.8		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	38		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-05 Date Collected: 09/28/06 10:07

Client ID: MW-104-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-06	Date Collected:	09/25/06 11:15
Client ID:	TB-004-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 18:34		
Analyst:	MM		

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-06 Date Collected: 09/25/06 11:15

Client ID: TB-004-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	109		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-07	Date Collected:	09/28/06 00:00
Client ID:	DUP-008-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 02:25		
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	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	62		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.56		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-07 Date Collected: 09/28/06 00:00

Client ID: DUP-008-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-08	Date Collected:	09/28/06 11:55
Client ID:	MW-118-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 03:03		
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	0.81		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	51		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-08 Date Collected: 09/28/06 11:55

Client ID: MW-118-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-09	Date Collected:	09/28/06 11:05
Client ID:	MW-105M-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 10:58		
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	3.2		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.1		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-09 Date Collected: 09/28/06 11:05

Client ID: MW-105M-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-10	Date Collected:	09/28/06 12:00
Client ID:	MW-117-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 11:38		
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	1.1		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	9.6		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	0.65		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-10 Date Collected: 09/28/06 12:00

Client ID: MW-117-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-11	Date Collected:	09/28/06 08:50
Client ID:	MW-403-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 12:17		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	7.5	10
Chloroform	ND		ug/l	7.5	10
Carbon tetrachloride	ND		ug/l	5.0	10
1,2-Dichloropropane	ND		ug/l	18	10
Dibromochloromethane	ND		ug/l	5.0	10
1,1,2-Trichloroethane	ND		ug/l	7.5	10
Tetrachloroethene	10		ug/l	5.0	10
Chlorobenzene	ND		ug/l	5.0	10
1,2-Dichloroethane	ND		ug/l	5.0	10
1,1,1-Trichloroethane	ND		ug/l	5.0	10
Bromodichloromethane	ND		ug/l	5.0	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	10
Bromoform	ND		ug/l	20	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	10
Chloromethane	ND		ug/l	25	10
Vinyl chloride	ND		ug/l	10	10
Chloroethane	ND		ug/l	10	10
1,1-Dichloroethene	ND		ug/l	5.0	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	10
Trichloroethene	340		ug/l	5.0	10
1,2-Dichlorobenzene	ND		ug/l	25	10
1,3-Dichlorobenzene	ND		ug/l	25	10
1,4-Dichlorobenzene	ND		ug/l	25	10
cis-1,2-Dichloroethene	11		ug/l	5.0	10
Dichlorodifluoromethane	ND		ug/l	50	10
1,2-Dibromoethane	ND		ug/l	20	10
1,3-Dichloropropane	ND		ug/l	25	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	10

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-11 Date Collected: 09/28/06 08:50

Client ID: MW-403-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-12	Date Collected:	09/28/06 09:35
Client ID:	MW-43S-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 12:56		
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	2.0		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	28		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-12 Date Collected: 09/28/06 09:35

Client ID: MW-43S-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-13	Date Collected:	09/28/06 12:15
Client ID:	MW-33S-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 19:08		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	25	5
1,1-Dichloroethane	ND		ug/l	3.8	5
Chloroform	ND		ug/l	3.8	5
Carbon tetrachloride	ND		ug/l	2.5	5
1,2-Dichloropropane	ND		ug/l	8.8	5
Dibromochloromethane	ND		ug/l	2.5	5
1,1,2-Trichloroethane	ND		ug/l	3.8	5
Tetrachloroethene	ND		ug/l	2.5	5
Chlorobenzene	ND		ug/l	2.5	5
1,2-Dichloroethane	ND		ug/l	2.5	5
1,1,1-Trichloroethane	34		ug/l	2.5	5
Bromodichloromethane	ND		ug/l	2.5	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	5
Bromoform	ND		ug/l	10	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	5
Chloromethane	ND		ug/l	12	5
Vinyl chloride	ND		ug/l	5.0	5
Chloroethane	ND		ug/l	5.0	5
1,1-Dichloroethene	ND		ug/l	2.5	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	5
Trichloroethene	140		ug/l	2.5	5
1,2-Dichlorobenzene	ND		ug/l	12	5
1,3-Dichlorobenzene	ND		ug/l	12	5
1,4-Dichlorobenzene	ND		ug/l	12	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	5
Dichlorodifluoromethane	ND		ug/l	25	5
1,2-Dibromoethane	ND		ug/l	10	5
1,3-Dichloropropane	ND		ug/l	12	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-13 Date Collected: 09/28/06 12:15

Client ID: MW-33S-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID:	L0613929-14	Date Collected:	09/28/06 11:00
Client ID:	MW-33M-20060928-01	Date Received:	09/28/06
Sample Location:	WAYLAND, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	10/04/06 19:41		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	10		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1
1,4-Dichlorobenzene	ND		ug/l	2.5	1
cis-1,2-Dichloroethene	2.2		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-14 Date Collected: 09/28/06 11:00

Client ID: MW-33M-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-08 Batch: WG255661-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07-08 Batch: WG255661-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

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

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-11 Batch: WG255661-6				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 09-11 Batch: WG255661-6				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255736-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 12 Batch: WG255736-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 10:09
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255841-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	5.0
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 10:09
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-04 Batch: WG255841-3				
p-Chlorotoluene	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
1,2,4-Trichlorobenzene	ND		ug/l	2.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 16:53
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 16:53
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
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 **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 10/04/06 16:53
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 05-06,13-14 Batch: WG255871-3				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-08 Batch: WG255661-1 WG255661-2					
Methylene chloride	108	96	70-130	12	25
1,1-Dichloroethane	105	92	70-130	13	25
Chloroform	109	95	70-130	14	25
Carbon tetrachloride	119	103	70-130	14	25
1,2-Dichloropropane	104	90	70-130	14	25
Dibromochloromethane	110	94	70-130	16	25
1,1,2-Trichloroethane	109	92	70-130	17	25
Tetrachloroethene	118	100	70-130	17	25
Chlorobenzene	114	99	70-130	14	25
1,2-Dichloroethane	115	96	70-130	18	25
1,1,1-Trichloroethane	111	98	70-130	12	25
Bromodichloromethane	109	95	70-130	14	25
trans-1,3-Dichloropropene	103	85	70-130	19	25
cis-1,3-Dichloropropene	99	86	70-130	14	25
Bromoform	112	97	70-130	14	50
1,1,2,2-Tetrachloroethane	104	88	70-130	17	25
Chloromethane	82	78	70-130	5	50
Vinyl chloride	101	89	70-130	13	25
Chloroethane	116	93	70-130	22	25
1,1-Dichloroethene	103	90	70-130	13	25
trans-1,2-Dichloroethene	105	93	70-130	12	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925
Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07-08 Batch: WG255661-1 WG255661-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	114	101	70-130	12	25
1,3-Dichlorobenzene	116	102	70-130	13	25
1,4-Dichlorobenzene	115	100	70-130	14	25
cis-1,2-Dichloroethene	111	95	70-130	16	25
Dichlorodifluoromethane	74	**66**	70-130	11	50
1,2-Dibromoethane	114	95	70-130	18	25
1,3-Dichloropropane	110	93	70-130	17	25
1,1,1,2-Tetrachloroethane	117	103	70-130	13	25
o-Chlorotoluene	102	91	70-130	11	25
p-Chlorotoluene	108	97	70-130	11	25
Hexachlorobutadiene	109	96	70-130	13	25
1,2,4-Trichlorobenzene	111	96	70-130	14	25

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-11 Batch: WG255661-4 WG255661-5					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925
Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 09-11 Batch: WG255661-4 WG255661-5					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	**68**	**60**	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255736-1 WG255736-2					
Methylene chloride	100	86	70-130	15	25
1,1-Dichloroethane	106	92	70-130	14	25
Chloroform	105	90	70-130	15	25
Carbon tetrachloride	122	105	70-130	15	25
1,2-Dichloropropane	103	89	70-130	15	25
Dibromochloromethane	106	91	70-130	15	25
1,1,2-Trichloroethane	104	90	70-130	14	25
Tetrachloroethene	116	100	70-130	15	25
Chlorobenzene	111	96	70-130	14	25
1,2-Dichloroethane	112	95	70-130	16	25
1,1,1-Trichloroethane	112	99	70-130	12	25
Bromodichloromethane	108	93	70-130	15	25
trans-1,3-Dichloropropene	99	84	70-130	16	25
cis-1,3-Dichloropropene	100	84	70-130	17	25
Bromoform	108	93	70-130	15	50
1,1,2,2-Tetrachloroethane	96	82	70-130	16	25
Chloromethane	78	75	70-130	4	50
Vinyl chloride	97	90	70-130	7	25
Chloroethane	109	95	70-130	14	25
1,1-Dichloroethene	102	87	70-130	16	25
trans-1,2-Dichloroethene	106	91	70-130	15	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925
Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 Batch: WG255736-1 WG255736-2					
Trichloroethene	110	95	70-130	15	25
1,2-Dichlorobenzene	112	97	70-130	14	25
1,3-Dichlorobenzene	113	98	70-130	14	25
1,4-Dichlorobenzene	113	97	70-130	15	25
cis-1,2-Dichloroethene	108	92	70-130	16	25
Dichlorodifluoromethane	**68**	**60**	70-130	13	50
1,2-Dibromoethane	107	89	70-130	18	25
1,3-Dichloropropane	103	88	70-130	16	25
1,1,1,2-Tetrachloroethane	116	101	70-130	14	25
o-Chlorotoluene	102	88	70-130	15	25
p-Chlorotoluene	107	95	70-130	12	25
Hexachlorobutadiene	110	93	70-130	17	25
1,2,4-Trichlorobenzene	109	91	70-130	18	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		100		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255841-1 WG255841-2					
Methylene chloride	105	98	70-130	7	25
1,1-Dichloroethane	100	95	70-130	5	25
Chloroform	101	97	70-130	4	25
Carbon tetrachloride	86	82	70-130	5	25
1,2-Dichloropropane	101	95	70-130	6	25
Dibromochloromethane	77	75	70-130	3	25
1,1,2-Trichloroethane	97	95	70-130	2	25
Tetrachloroethene	108	96	70-130	12	25
Chlorobenzene	102	94	70-130	8	25
1,2-Dichloroethane	101	98	70-130	3	25
1,1,1-Trichloroethane	90	86	70-130	5	25
Bromodichloromethane	85	82	70-130	4	25
trans-1,3-Dichloropropene	83	83	70-130	0	25
cis-1,3-Dichloropropene	86	85	70-130	1	25
Bromoform	71	71	70-130	0	50
1,1,2,2-Tetrachloroethane	93	91	70-130	2	25
Chloromethane	96	86	70-130	11	50
Vinyl chloride	101	95	70-130	6	25
Chloroethane	109	100	70-130	9	25
1,1-Dichloroethene	96	90	70-130	6	25
trans-1,2-Dichloroethene	101	94	70-130	7	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-04 Batch: WG255841-1 WG255841-2					
Trichloroethene	97	91	70-130	6	25
1,2-Dichlorobenzene	96	91	70-130	5	25
1,3-Dichlorobenzene	98	92	70-130	6	25
1,4-Dichlorobenzene	98	92	70-130	6	25
cis-1,2-Dichloroethene	106	99	70-130	7	25
Dichlorodifluoromethane	122	109	70-130	11	50
1,2-Dibromoethane	96	94	70-130	2	25
1,3-Dichloropropane	102	97	70-130	5	25
1,1,1,2-Tetrachloroethane	83	82	70-130	1	25
o-Chlorotoluene	101	105	70-130	4	25
p-Chlorotoluene	102	96	70-130	6	25
Hexachlorobutadiene	94	84	70-130	11	25
1,2,4-Trichlorobenzene	84	82	70-130	2	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
Methylene chloride	102	100	70-130	2	25
1,1-Dichloroethane	99	91	70-130	8	25
Chloroform	99	90	70-130	10	25
Carbon tetrachloride	76	73	70-130	4	25
1,2-Dichloropropane	99	90	70-130	10	25
Dibromochloromethane	71	70	70-130	1	25
1,1,2-Trichloroethane	97	92	70-130	5	25
Tetrachloroethene	105	97	70-130	8	25
Chlorobenzene	100	93	70-130	7	25
Trichlorofluoromethane	124	108	70-130	14	25
1,2-Dichloroethane	101	95	70-130	6	25
1,1,1-Trichloroethane	86	81	70-130	6	25
Bromodichloromethane	77	75	70-130	3	25
trans-1,3-Dichloropropene	76	75	70-130	1	25
cis-1,3-Dichloropropene	81	78	70-130	4	25
1,1-Dichloropropene	102	92	70-130	10	25
Bromoform	**65**	**66**	70-130	2	50
1,1,2,2-Tetrachloroethane	91	89	70-130	2	25
Benzene	105	93	70-130	12	25
Toluene	103	95	70-130	8	25
Ethylbenzene	105	97	70-130	8	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
Chloromethane	85	78	70-130	9	50
Bromomethane	**58**	**65**	70-130	11	50
Vinyl chloride	96	90	70-130	6	25
Chloroethane	104	96	70-130	8	25
1,1-Dichloroethene	96	88	70-130	9	25
trans-1,2-Dichloroethene	100	88	70-130	13	25
Trichloroethene	95	85	70-130	11	25
1,2-Dichlorobenzene	95	91	70-130	4	25
1,3-Dichlorobenzene	97	92	70-130	5	25
1,4-Dichlorobenzene	98	92	70-130	6	25
Methyl tert butyl ether	98	84	70-130	15	25
p/m-Xylene	107	103	70-130	4	25
o-Xylene	106	96	70-130	10	25
cis-1,2-Dichloroethene	101	94	70-130	7	25
Dibromomethane	98	90	70-130	9	25
1,2,3-Trichloropropane	101	98	70-130	3	25
Styrene	99	90	70-130	10	25
Dichlorodifluoromethane	118	104	70-130	13	50
Acetone	120	100	70-130	18	50
Carbon disulfide	96	79	70-130	19	25
2-Butanone	104	103	70-130	1	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
4-Methyl-2-pentanone	108	101	70-130	7	50
2-Hexanone	102	100	70-130	2	50
Bromochloromethane	101	94	70-130	7	25
Tetrahydrofuran	86	78	70-130	10	25
2,2-Dichloropropane	86	81	70-130	6	50
1,2-Dibromoethane	93	90	70-130	3	25
1,3-Dichloropropane	101	97	70-130	4	25
1,1,1,2-Tetrachloroethane	74	77	70-130	4	25
Bromobenzene	96	89	70-130	8	25
n-Butylbenzene	103	94	70-130	9	25
sec-Butylbenzene	103	96	70-130	7	25
tert-Butylbenzene	101	95	70-130	6	25
o-Chlorotoluene	112	106	70-130	6	25
p-Chlorotoluene	102	96	70-130	6	25
1,2-Dibromo-3-chloropropane	**56**	**63**	70-130	12	50
Hexachlorobutadiene	93	88	70-130	6	25
Isopropylbenzene	113	105	70-130	7	25
p-Isopropyltoluene	100	94	70-130	6	25
Naphthalene	92	91	70-130	1	25
n-Propylbenzene	103	96	70-130	7	25
1,2,3-Trichlorobenzene	92	91	70-130	1	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 05-06,13-14 Batch: WG255871-1 WG255871-2					
1,2,4-Trichlorobenzene	86	83	70-130	4	25
1,3,5-Trimethylbenzene	101	95	70-130	6	25
1,2,4-Trimethylbenzene	103	98	70-130	5	25
Ethyl ether	103	92	70-130	11	25
Isopropyl Ether	101	90	70-130	12	25
Ethyl-Tert-Butyl-Ether	98	89	70-130	10	25
Tertiary-Amyl Methyl Ether	96	82	70-130	16	25
1,4-Dioxane	**50**	**44**	70-130	13	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		96		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 20060928-01	QC Batch ID: WG255736-4				WG255736-5	QC Sample: L0613929-12		Client ID: MW-43S-	
Methylene chloride	ND	10	9.5	95	9.0	90	70-130	5	30
1,1-Dichloroethane	ND	10	10	103	9.5	95	70-130	8	30
Chloroform	ND	10	9.3	94	8.7	87	70-130	8	30
Carbon tetrachloride	ND	10	11	114	10	104	70-130	9	30
1,2-Dichloropropane	ND	10	9.8	98	9.5	95	70-130	3	30
Dibromochloromethane	ND	10	10	102	9.7	97	70-130	5	30
1,1,2-Trichloroethane	ND	10	10	102	9.9	99	70-130	3	30
Tetrachloroethene	2.0	10	13	108	12	101	70-130	7	30
Chlorobenzene	ND	10	10	104	10	100	70-130	4	30
1,2-Dichloroethane	ND	10	11	108	10	101	70-130	7	30
1,1,1-Trichloroethane	ND	10	11	108	10	100	70-130	8	30
Bromodichloromethane	ND	10	9.8	98	9.4	94	70-130	4	30
trans-1,3-Dichloropropene	ND	10	9.1	91	8.8	88	70-130	3	30
cis-1,3-Dichloropropene	ND	10	9.1	91	8.6	86	70-130	6	30
Bromoform	ND	10	10	104	10	101	70-130	3	30
1,1,2,2-Tetrachloroethane	ND	10	9.7	97	9.3	93	70-130	4	30
Chloromethane	ND	10	7.9	79	7.2	72	70-130	9	30
Vinyl chloride	ND	10	9.7	97	8.8	88	70-130	10	30
Chloroethane	ND	10	10	104	10	100	70-130	4	30
1,1-Dichloroethene	ND	10	9.8	98	9.0	90	70-130	9	30
trans-1,2-Dichloroethene	ND	10	10	102	9.4	94	70-130	8	30

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 12 20060928-01	QC Batch ID: WG255736-4				WG255736-5	QC Sample: L0613929-12		Client ID: MW-43S-	
Trichloroethene	28	10	36	84	33	**56**	70-130	**40**	30
1,2-Dichlorobenzene	ND	10	10	105	9.9	99	70-130	6	30
1,3-Dichlorobenzene	ND	10	10	105	10	100	70-130	5	30
1,4-Dichlorobenzene	ND	10	10	104	10	100	70-130	4	30
cis-1,2-Dichloroethene	ND	10	11	108	9.9	99	70-130	9	30
Dichlorodifluoromethane	ND	10	5.9	**59**	5.4	**54**	70-130	9	30
1,2-Dibromoethane	ND	10	10	104	10	101	70-130	3	30
1,3-Dichloropropane	ND	10	10	101	9.9	99	70-130	2	30
1,1,1,2-Tetrachloroethane	ND	10	11	111	10	104	70-130	7	30
o-Chlorotoluene	ND	10	9.5	95	8.9	89	70-130	7	30
p-Chlorotoluene	ND	10	10	100	9.6	96	70-130	4	30
Hexachlorobutadiene	ND	10	10	100	9.4	94	70-130	6	30
1,2,4-Trichlorobenzene	ND	10	9.9	99	9.5	95	70-130	4	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
4-Bromofluorobenzene	92		94		70-130
Dibromofluoromethane	102		104		70-130
Toluene-d8	97		97		70-130

METALS

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-01 Date Collected: 09/28/06 10:45

Client ID: MW-212-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	49		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:36	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND
Lab Number: L0613929
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-02
Client ID: MW-210-20060928-01
Sample Location: WAYLAND, MA
Matrix: Water

Date Collected: 09/28/06 11:45
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 12:40	EPA 3005A	60,6010B	AI
Sodium, Dissolved	250		mg/l	10	5	10/02/06 16:40	10/05/06 16:06	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-03 Date Collected: 09/28/06 11:45

Client ID: MW-105-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 12:44	EPA 3005A	60,6010B	AI
Sodium, Dissolved	340		mg/l	10	5	10/02/06 16:40	10/05/06 16:25	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON-WAYLAND
Lab Number: L0613929
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-04
Client ID: MW-211-20060928-01
Sample Location: WAYLAND, MA
Matrix: Water

Date Collected: 09/28/06 09:55
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	32		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:48	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-05 Date Collected: 09/28/06 10:07

Client ID: MW-104-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:51	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-07 Date Collected: 09/28/06 00:00

Client ID: DUP-008-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:55	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-08 Date Collected: 09/28/06 11:55

Client ID: MW-118-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	120		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:59	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-09 Date Collected: 09/28/06 11:05

Client ID: MW-105M-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 13:14	EPA 3005A	60,6010B	AI
Sodium, Dissolved	300		mg/l	10	5	10/02/06 16:40	10/05/06 16:28	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON-WAYLAND
Lab Number: L0613929
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-10
Client ID: MW-117-20060928-01
Sample Location: WAYLAND, MA
Matrix: Water

Date Collected: 09/28/06 12:00
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	98		mg/l	2.0	1	10/02/06 16:40	10/05/06 13:18	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-11 Date Collected: 09/28/06 08:50

Client ID: MW-403-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	>150		mg/l	2	1	10/02/06 16:40	10/05/06 13:22	EPA 3005A	60,6010B	AI
Sodium, Dissolved	180		mg/l	4.0	2	10/02/06 16:40	10/05/06 16:31	EPA 3005A	60,6010B	MG

Project Name: RAYTHEON-WAYLAND
Lab Number: L0613929
Project Number: 42925
Report Date: 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-12
Client ID: MW-43S-20060928-01
Sample Location: WAYLAND, MA
Matrix: Water
Date Collected: 09/28/06 09:35
Date Received: 09/28/06
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	200		mg/l	10	5	10/02/06 16:40	10/05/06 13:25	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-13 Date Collected: 09/28/06 12:15

Client ID: MW-33S-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	5.3		mg/l	2.0	1	10/02/06 16:40	10/05/06 14:15	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

SAMPLE RESULTS

Lab ID: L0613929-14 Date Collected: 09/28/06 11:00

Client ID: MW-33M-20060928-01 Date Received: 09/28/06

Sample Location: WAYLAND, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Sodium, Dissolved	13		mg/l	2.0	1	10/02/06 16:40	10/05/06 14:29	EPA 3005A	60,6010B	AI

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-05,07-14 Batch: WG255441-1									
Sodium, Dissolved	ND		mg/l	2.0	1	10/02/06 16:40	10/05/06 12:24	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RAYTHEON-WAYLAND

Project Number: 42925

Lab Number: L0613929

Report Date: 10/05/06

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series	Associated sample(s): 01-05,07-14 Batch: WG255441-2 WG255441-3				
Sodium, Dissolved	93	93	80-120	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RAYTHEON-WAYLAND
Project Number: 42925

Lab Number: L0613929
Report Date: 10/05/06

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-05,07-14 QC Batch ID: WG255441-4 WG255441-5 QC Sample: L0613929-12 Client ID: MW-43S-20060928-01									
Sodium, Dissolved	200	10	200	**0**	200	**0**	75-125	NC	20

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613929-01A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-01B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-01C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-02A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-02B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-02C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-03A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-03B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-03C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-04A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-04B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-04C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-05A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-05B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-05C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-06A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-07C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-08A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-08B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-08C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-09A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-09B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-09C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-10A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-10B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-10C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-11A	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-11B	Vial Na2S2O3 preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04

Project Name: RAYTHEON-WAYLAND **Lab Number:** L0613929

Project Number: 42925 **Report Date:** 10/05/06

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0613929-11C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12D	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12E	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-12F	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12G	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12H	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-12I	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-13C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S
L0613929-14A	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-14B	Vial HCl preserved	A	N/A	2.3 C	Y	Absent	MCP-8260-04
L0613929-14C	Plastic 250ml HNO3 preserved	A	<2	2.3 C	Y	Absent	MCP-NA-6010S

Project Name:	RAYTHEON-WAYLAND	**Lab Number:**	L0613929
Project Number:	42925	**Report Date:**	10/05/06

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

ND - Not detected at the reported detection limit for the sample.

RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Report Format: Not Specified

Project Name:	RAYTHEON-WAYLAND	**Lab Number:**	L0613929
Project Number:	42925	**Report Date:**	10/05/06

REFERENCES

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

LIMITATION OF LIABILITIES

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

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

10050620:16

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 9/28

ALPHA Job #: L0613929

ALPHA
WOODS HOLE LABS

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

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

Client Information

Client: ERM

Address: 399 Boylston St.
Boston Ma 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: jeremy.picard@erm.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon - Waylando

Project Location: Waylando MA

Project #: 42925

Project Manager: Jeremy Picard

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/5 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA / MCP

Criteria: Method-1 GW-1

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☒ Yes ☐ No Are MCP Analytical Methods Required?

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

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "0" = ThiosulFate

SAMPLE HANDLING

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: 8021c by 8260	ANALYSIS: Diss. Mn	ANALYSIS: 8021c by 8260	Sample Specific Comments	TOTAL # BOTTLES
3929.1	MW-212-20060928-01	9/28/06	10:45	GW	TD	2	1			3
2	MW-210-20060928-01	9/28/06	10:45	GW	TD		1	2		3
3	MW-105-20060928-01	9/28/06	11:45	GW	EJM		1	2		3
4	MW-211-20060928-01	9/28/06	09:55	GW	TD	2	1			3
5	MW-104-20060928-01	9/28/06	10:07	GW	JDF	2	1			3
6	TB-004-20060928-01	9/25/06	11:15	GW	ZP	1				1
7	DUP-008-20060928-01	9/28/06	24:00	GW	JDF		1	2		3
8	MW-118-20060928-01	9/28/06	11:55	GW	JDF		1	2		3
9	MW-105M-20060928-01	9/28/06	11:05	GW	EJM		1	2		3
10	MW-117-20060928-01	9/28/06	12:00	GW	BM	2	1			3
	Container Type					V	P	V		
	Preservative					B	C	D		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	9/28/06 15:30		9/28 1530

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

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

10050620:16

CHAIN OF CUSTODY PAGE 2 OF 2

Date Rec'd in Lab: 9/28

ALPHA Job #: L0613929

ALPHA WOODS HOLE LABS

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

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

Client Information

Client: ERM

Address: 399 Boylston St. Boston MA. 02116

Phone: (617) 646-7800

Fax: (617) 267-6447

Email: jeremy.picard@erm.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon - Wayland

Project Location: Wayland MA

Project #: 42925

Project Manager: Jeremy Picard

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/5 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

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

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☒ Yes ☐ No Are MCP Analytical Methods Required?

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

Other Project Specific Requirements/Comments/Detection Limits:

Preservative "O" = Thiosulfate

SAMPLE HANDLING

Filtration: ☒ Done ☐ Not needed ☐ Lab to do

Preservation: ☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8021c by 8260	Diss. Na	8021c by 8260	Sample Specific Comments	TOTAL # BOTTLES
39929 11	MW-403-20060928-01	9/28/06	08:50	GW	BM		1	2		3
12	MW-43S-20060928-01	9/28/06	09:35	GW	EJM	2	1			3
12	MW-43S-20060928-01-MS	9/28/06	09:35	GW	EJM	2	1			3
12	MW-43S-20060928-01-MSD	9/28/06	09:35	GW	EJM	2	1			3
13	MW-33S-20060928-01	9/28/06	12:15	GW	HEA	2	1			3
14	MW-33M-20060928-01	9/28/06	11:00	GW	HEA	2	1			3

Container Type	V	P	V
Preservative	B	C	O

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	9/28/06 15:30		9/28 1530

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

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

ERM has over 100 offices
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