CDM

Foxborough, Massachusetts

Summary of Groundwater, Surface Water and Gas Sampling Results Foxborough Landfill (SL0099.001)

November 2010

Report

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January 20, 2011

Mr. David Ellis
Department of Environmental Protection
Southeast Regional Office
20 Riverside Drive
Lakeville, Massachusetts 02347

Subject: Summary of Groundwater, Surface Water, and Gas Sampling Results
Foxborough Sanitary Landfill (SL009.001) – November 2010
Town of Foxborough, Massachusetts

Dear Mr. Ellis:

On November 8th, 10th and 11th 2010, Camp Dresser & McKee Inc. (CDM) personnel collected groundwater and surface water samples and field analyzed landfill gas samples at the Foxborough Sanitary Landfill in Foxborough, Massachusetts. The sampling was conducted in accordance with the Massachusetts Solid Waste Management Regulations (310 CMR 19.132) and the Massachusetts Department of Environmental Protection (MassDEP) approved Comprehensive Site Assessment Scope of Work for the landfill.

Appendix A contains a site plan which shows each sampling location. Appendix B contains Tables 1 through 6 which summarize field and laboratory sampling results. Tables 1 through 6 specifically contain the following:

- Table 1 summarizes the groundwater levels measured at each groundwater monitoring well.
- Table 2 summarizes the analytical results for indicator parameters (alkalinity, total dissolved solids (TDS); nitrate-nitrogen, cyanide, sulfate, chloride, and chemical oxygen demand (COD)); dissolved metals (arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, manganese, mercury, selenium, silver, sodium, and zinc); and parameters measured in the field (pH, temperature, dissolved oxygen, and conductivity) for groundwater samples.
- Table 3 summarizes the analytical results of volatile organic compounds (VOCs) for groundwater samples.
- Table 4 summarizes the analytical results for indicator parameters (alkalinity, total dissolved solids (TDS); nitrate-nitrogen, cyanide, sulfate, chloride, and chemical oxygen demand (COD)); hardness; dissolved metals (arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, manganese, mercury, selenium, silver, sodium,

and zinc); and parameters measured in the field (pH, temperature, dissolved oxygen, and conductivity) for surface water samples.

- Table 4B summarizes the calculated standards and analytical results for the hardness dependent metals (cadmium, copper, silver, and zinc) for surface water samples.
- Table 5 summarizes the analytical results of volatile organic compounds (VOCs) for surface water samples.
- Table 6 summarizes the results of landfill gas monitoring.

Analytical results that exceed applicable standards appear shaded in each table. Appendix C contains a copy of the laboratory data sheets from Alpha Analytical Laboratories, Inc. in Westborough, Massachusetts. The results of this sampling event are discussed below.

Groundwater Sampling

CDM collected groundwater samples from the following monitoring well locations: MW-1D, MW-1S, MW-2D, MW-2S, MW-4D, MW-4S, MW-6D, MW-7D, and MW-8D. A duplicate sample was collected at location MW-6D. Groundwater well MW-6S was dry and could not be sampled this round. Samples were obtained using a submersible pump. Wells were purged five well volumes prior to sampling. Samples for dissolved metals were field filtered using a 0.45 micron filter. Groundwater generally flows to the southeast across the site.

The Massachusetts Solid Waste Management Regulations (310 CMR 19.000) require that sampling results be compared to the established Primary Maximum Contaminant Level (MCL) and the Secondary Maximum Contaminant Level (SMCL) regulations for each parameter. Table 1 presents the results for field parameters, indicator parameters and dissolved metals analysis.

MCLs were not exceeded in any of the sampling locations.

Cyanide was detected, but did not exceed the EPA Primary Drinking Water Standard of 0.2 mg/l, in samples collected from MW-4S, MW-7D, MW-8D and the field blank at concentrations ranging from 0.005 mg/l and 0.009 mg/l. Historically, cyanide has been detected at the site at similar low levels. However, the presence of cyanide in the field blank sample may indicate a false positive for this compound in the ground water samples during this sampling round. No other parameters were measure above the laboratory reporting limit in the field blank.

SMCLs were exceeded in the following groundwater samples:

- Iron exceeded the SMCL of 300 ug/l in samples collected from MW-1S, MW-1D, and MW-2D at concentrations ranging from 1,200 ug/l to 1,600 ug/l.

- Manganese exceeded the SMCL of 50 ug/l in samples collected from MW-1D, MW-1S, MW-2D, and MW-8D at concentrations ranging from 5,270 ug/l to 7,090 ug/l.

- Sodium exceeded the SMCL of 20,000 ug/l in samples collected from MW-2D, MW-4D, and MW-7D at concentrations ranging from 30,000 ug/l to 100,000 ug/l.

Secondary standards are established for the aesthetics and taste of a public drinking supply and are not health based.

No VOCs were detected above the laboratory detection limits in groundwater samples this round. VOC sampling results are summarized in Table 3.

The next semi-annual groundwater-sampling round is scheduled for April 2011.

Surface Water Sampling

CDM collected surface water samples from monitoring locations SW-1, SW-2, SW-3, and SW-4. The Massachusetts Solid Waste Management Regulations (310 CMR 19.000) require that sampling results be compared to established National Recommended Water Quality Criteria (NRWQC) for each parameter. Hardness is a factor of the NRWQC for certain metals. If hardness at a surface water sample location varies from the standard of 100 mg/l, the NRWQC must be calculated using the measured hardness value. Since the hardness at surface water sampling locations vary between 60 mg/l and 100 mg/l, the NRWQC is calculated for metals cadmium, copper, lead, silver and zinc. The individual criteria are shown for each sampling location on Table 4B.

Table 4 summarizes results for the field measured parameters, indicator parameters and dissolved metals. The NRWQC were exceeded in the following samples:

- Alkalinity exceeded the NRWQC of 20 mg/l in all surface water samples at concentrations ranging from 33 mg/l to 70 mg/l.

- Cyanide exceeded the NRWQC of 0.0052 mg/l in surface water sample SW-1 at a concentration of 0.006 mg/l.

Upon review of available historical sampling data, cyanide was detected once at the SW-1 sampling location during the September 2006 sampling event at the same concentration of 0.006 ppm. However, since cyanide was also detected in the field blank, the cyanide in the surface water sample may be a false positive due to cross-contamination. CDM will

continue to evaluate future cyanide concentrations to determine if a new trend is developing.

Table 5 summarizes results for surface water VOCs. Few, if any, NRWQC are established for VOCs. No VOCs were detected above the laboratory detection limits in any of the surface water samples.

The next semi-annual surface water sampling round is scheduled for April 2011.

Quality Control Samples

Quality control samples are collected to verify that laboratory and sampling procedures are consistent and to indicate any possible cross contamination and resulting false positive analysis results. The following summarize the results of the quality control samples collected during this sampling round:

- The duplicate sample results closely matched those of its associated sample taken at MW-6D, indicating laboratory analysis was consistent.
- Acetone was detected in the trip blank indicating possible laboratory contamination. However, no samples had detected levels of acetone or any other VOCs; therefore there are no impacts to the sampling results.
- Cyanide was detected in the field blank as previously mentioned above. The presence of cyanide in the field blank may indicate cross contamination and false positives in groundwater samples MW-4S, MW-7D, and MW-8D and surface water sample SW-1. No other parameters were detected in the field blank

Gas Monitoring

CDM conducted landfill gas monitoring at locations SGP-1 through SGP-9. Concentrations of methane (CH_4), carbon dioxide (CO_2), oxygen (O_2) and hydrogen sulfide (H_2S) were obtained using a Landtec GEM 500 Gas Analyzer. VOC concentrations were obtained using the Rae2000 organic vapor meter (OVM), with a 10.6eV lamp.

- Methane was detected at location SGP-9 at a concentration of 206% of the Lower Explosive Limit (LEL). The regulatory limit is 25% of the LEL at the property line boundary or beyond.
- CO_2 was detected in most sampling locations at concentrations ranging from 0.3% to 16.9%.
- VOCs were detected in monitoring location SGP-8 at a concentration of 0.1 ppmv.

- H_2S was not detected in any monitoring locations.

Additional sampling was conducted downgradient of SGP-9 to determine if landfill gas was migrating further southwest towards the property line and East Belcher Road. A temporary probe (SGP-9A) was installed approximately 75 feet southwest of SGP-9. Methane was not detected in SGP-9A, which indicates landfill gas is not likely migrating over the property line. Landfill gas was also not detected in the aluminum building located near well SGP-9. The sampling results are summarized in Table 5. A letter report summarizing the results of the gas sampling round was submitted to MassDEP in correspondence dated November 10, 2010. The next round of landfill gas monitoring is scheduled for January 2011.

Environmental monitoring conducted in November 2010 suggests that groundwater, surface water, and landfill gas sampling results are generally consistent with previous measurements; no significant changes in concentrations or data trends were identified.

Please do not hesitate to call me at (617)452-6589 if you have questions.

Very truly yours,

Laura A. Bugay, P.E.
Camp Dresser & McKee Inc.

Attachments
cc: Robert Swanson, Foxborough
Kevin Paicos, Foxborough

TABLE 1
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
WATER QUALITY SAMPLING - NOVEMBER 2010
GROUNDWATER LEVELS

Monitoring Well Number	Sampling Date	Approximate Height of well [1] (ft)	Depth to Water [2] (ft)	Depth of Groundwater (bgs)
MW-1D	11/10/2010	2.28	8.11	5.83
MW-1S	11/10/2010	2.1	5.93	3.83
MW-2D	11/10/2010	2.18	4.62	2.44
MW-2S	11/10/2010	3.02	5.06	2.04
MW-4D	11/11/2010	2.68	4.31	1.63
MW-4S	11/11/2010	2.64	4.75	2.11
MW-6S	NS	1.91	NS	NS
MW-6D	11/11/2010	2.12	18.14	16.02
MW-7D	11/10/2010	1.9	12.93	11.03
MW-8D	11/10/2010	0.9	9.54	8.64

Notes:
1. Height of well is from the ground surface to the top of the PVC; measured by subtracting the difference between the height of the PVC from the height of the protective casing (PC).
2. Depth to water measured from the top of the PVC.
NS: Not Sampled; MW-6S was dry and could not be sampled.

TABLE 2
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
GROUNDWATER SAMPLING SUMMARY - NOVEMBER 2010
METALS, FIELD PARAMETERS AND INDICATOR PARAMETERS

		ALPHA SAMPLE NUMBER	L1017929-03	L1017929-04	L1017929-01	L1017929-02	L1018058-02	L1018058-03	NA	L1018058-01	L1018058-09	L1017929-06	L1017929-05	L1017929-07
		SAMPLING DATE	11/10/2010	11/10/2010	11/10/2010	11/10/2010	11/11/2010	11/11/2010	NA	11/11/2010	11/11/2010	11/10/2010	11/10/2010	11/10/2010
		SAMPLE LOCATION	MW-1S	MW-1D	MW-2S	MW-2D	MW-4S	MW-4D	MW-6S [6]	MW-6D	DUP-1 [7]	MW-7D	MW-8D	FB-1
	DRINKING WATER STANDARDS	UNITS												
FIELD PARAMETERS														
TEMPERATURE (FINAL READINGS)	NL	°C	13.25	12.44	11.58	13.36	12.12	12.54	NS	10.29	NA	12.46	11.6	NS
CONDUCTIVITY	NL	us/cm	315	299	87	589	397	472	NS	81	NA	840	570	NS
DISSOLVED OXYGEN	NL	mg/L	1.78	2.68	5.65	1.03	4.38	3.67	NS	7.83	NA	2.85	3.06	NS
pH	6.5-8.4 (3,5)	-	5.89	6.05	6.17	6.02	5.49	6.12	NS	6.75	NA	6.52	6.29	NS
INDICATOR PARAMETERS														
ALKALINITY	NL	mg/l	100	100	22	130	8.7	20	NS	26	29	31	260	<2
TDS (TOT. DISSOLVED SOLIDS)	500 (3,5)	mg/l	170	180	59	310	240	260	NS	61	40	440	300	<10
NITRATE-NITROGEN	10 (2,4)	mg/l	0.12	0.16	0.66	0.67	0.2	0.14	NS	0.14	0.13	<0.1	<0.1	<0.1
CYANIDE, TOTAL	0.2 (4)	mg/l	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	NS	<0.005	<0.005	0.009	0.007	0.007
SULFATE	250 (3,5)	mg/l	<10	<10	<10	<10	<10	<10	NS	<10	<10	11	<10	<10
CHLORIDE	250 (5)	mg/l	24	29	3.1	80	99	120	NS	3	3	180	6.5	<1
COD (CHEMICAL OXYGEN DEMAND)	NL	mg/l	31	24	<20	<20	120	<20	NS	<20	33	<20	<20	<20
DISSOLVED METALS														
ARSENIC	10(2,4)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
BARIUM	2,000 (2,4)	ug/l	35	31	13	74	21	32	NS	<10	<10	41	26	<10
CADMIUM	5 (2,4)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
CALCIUM	NL	ug/l	28,000	32,000	7,400	37,000	36,000	35,000	NS	10,000	9,700	31,000	90,000	<100
CHROMIUM	100(2,4)	ug/l	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10	<10	<10
COPPER	1,300 (2,4)	ug/l	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10	<10	<10
IRON	300 (3,5)	ug/l	1,200	1,200	<50	1,600	<50	<50	NS	<50	<50	<50	220	<50
LEAD	15 (2,4)	ug/l	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10	<10	<10
MANGANESE	50 (3,5)	ug/l	6,080	5,790	11	5,270	<10	<10	NS	<10	<10	15	7,090	<10
MERCURY	2 (2,4)	ug/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NS	<0.2	<0.2	<0.2	<0.2	<0.2
SELENIUM	50 (2,4)	ug/l	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10	<10	<10
SILVER	100 (3,5)	ug/l	<7	<7	<7	<7	<7	<7	NS	<7	<7	<7	<7	<7
SODIUM	20,000 (3,5)	ug/l	15,000	15,000	5,800	39,000	19,000	30,000	NS	3,300	3,200	100,000	12,000	<2000
ZINC	5,000 (3,5)	ug/l	<50	<50	<50	<50	<50	<50	NS	<50	<50	<50	<50	<50

FOOTNOTES:
(1) HIGHLIGHTED AREAS: CONCENTRATION EQUALS OR EXCEEDS MASSACHUSETTS OR EPA DRINKING WATER STANDARDS OR GUIDELINES
(2) MASSACHUSETTS DRINKING WATER STANDARD OR MAXIMUM CONTAMINANT LEVEL (MCL); VERSION SPRING 2010.
(3) MASSACHUSETTS DRINKING WATER GUIDELINE OR SECONDARY MAXIMUM CONTAMINANT LEVEL (SMCL); VERSION SPRING 2010.
(4) EPA PRIMARY DRINKING WATER STANDARD; AS FOUND AT: http://water.epa.gov/drink/contaminants/index.cfm
(5) EPA SECONDARY DRINKING WATER STANDARD; AS FOUND AT: http://water.epa.gov/drink/contaminants/index.cfm
(6) MW-6S WAS DRY AND COULD NOT BE SAMPLED.
(7) DUP-1 TAKEN AT MW-6D.
<#.# NOT DETECTED TO THE LIMIT INDICATED
NL: NO LIMIT
NS: NOT SAMPLED
NA: NOT APPLICABLE

TABLE 3
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
GROUNDWATER QUALITY SAMPLING - NOVEMBER 2010
VOLATILE ORGANIC COMPOUNDS

		ALPHA SAMPLE NUMBER	L1017929-03	L1017929-04	L1017929-01	L1017929-02	L1018058-02	L1018058-03	NA	L1018058-01	L1018058-09	L1017929-06	L1017929-05	L1017929-07
		SAMPLING DATE	11/10/2010	11/10/2010	11/10/2010	11/10/2010	11/11/2010	11/11/2010	NA	11/11/2010	11/11/2010	11/10/2010	11/10/2010	11/10/2010
		SAMPLE LOCATION	MW-1S	MW-1D	MW-2S	MW-2D	MW-4S	MW-4D	MW-6S [6]	MW-6D	DUP-1 [7]	MW-7D	MW-8D	FB-1
	DRINKING WATER STANDARDS	UNITS												
VOLATILE ORGANICS														
1,1,1,2-TETRACHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-TRICHLOROETHANE	200 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-TETRACHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-TRICHLOROETHANE	5 (2,4)	ug/l	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NS	<0.75	<0.75	<0.75	<0.75	<0.75
1,1-DICHLOROETHANE	70 (3)	ug/l	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NS	<0.75	<0.75	<0.75	<0.75	<0.75
1,1-DICHLOROETHENE	7 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-DICHLOROPROPENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,3- TRICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-TRICHLOROPROPANE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
1,2,4-TRICHLOROBENZENE	70 (2,4)	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-TRIMETHYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2- DIBROMO-3-CHLOROPROPANE	0.2 (2,4)	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-DIBROMOETHANE	0.02 (2)	ug/l	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
1,2-DICHLOROBENZENE	600 (2,4)	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-DICHLOROETHANE	5 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-DICHLOROPROPANE	5 (2,4)	ug/l	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	NS	<1.8	<1.8	<1.8	<1.8	<1.8
1,3,5-TRIMETHYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-DICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-DICHLOROPROPANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,4-DICHLOROBENZENE	5 (2)	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
1,4-DICHLOROBUTANE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
1,4-DIOXANE	3 (3)	ug/l	<250	<250	<250	<250	<250	<250	NS	<250	<250	<250	<250	<250
2,2-DICHLOROPROPANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
2-BUTANONE	4000 (3)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
2-CHLOROTOLUENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
2-HEXANONE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
4-CHLOROTOLUENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
4-METHYL-2-PENTANONE	350 (3)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
ACETONE	6300 (3)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
ACRYLONITRILE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
BENZENE	5 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
BROMOBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
BROMOCHLOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
BROMODICHLOROMETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
BROMOFORM	NL	ug/l	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
BROMOMETHANE	10 (3)	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
CARBON DISULFIDE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
CARBON TETRACHLORIDE	5 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
CHLOROBENZENE	100 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
CHLOROETHANE	NL	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
CHLOROFORM	70 (3)	ug/l	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NS	<0.75	<0.75	<0.75	<0.75	<0.75
CHLOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
cis 1,2-DICHLOROETHENE	70 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
cis 1,3-DICHLOROPROPENE	0.4 (3)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
DIBROMOCHLOROMETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
DIBROMOMETHANE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
DICHLORODIFLUOROMETHANE	1400 (3)	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
ETHYLBENZENE	700 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
ETHYL ETHER	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
ETHYL METHACRYLATE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
HEXACHLOROBUTADIENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
ISOPROPYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
ISOPROPYLMETHYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
M- AND P- XYLENES	NL	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
METHYL TERT-BUTYL ETHER	70 (3)	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
METHYLENE CHLORIDE	5 (2,4)	ug/l	<3	<3	<3	<3	<3	<3	NS	<3	<3	<3	<3	<3
N-BUTYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
N-PROPYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
NAPHTHALENE	140 (3)	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
O-XYLENE	NL	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
SEC-BUTYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
STYRENE	100 (2,4)	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1
TERT-BUTYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
TETRACHLOROETHENE	5 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
TETRAHYDROFURAN	1300 (3)	ug/l	<10	<10	<10	<10	<5	<5	NS	<10	<5	<10	<10	<10
TOLUENE	1000 (2,4)	ug/l	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NS	<0.75	<0.75	<0.75	<0.75	<0.75
TRANS-1,2-DICHLOROETHENE	100 (2,4)	ug/l	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NS	<0.75	<0.75	<0.75	<0.75	<0.75
TRANS-1,3-DICHLOROPROPENE	0.4 (3)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
TRANS-1,4-DICHLORO-2-BUTENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
TRICHLOROETHENE	5 (2,4)	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
TRICHLOROFLUOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NS	<2.5	<2.5	<2.5	<2.5	<2.5
VINYL ACETATE	NL	ug/l	<5	<5	<5	<5	<5	<5	NS	<5	<5	<5	<5	<5
VINYL CHLORIDE	2 (2,4)	ug/l	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1

FOOTNOTES:
(1) HIGHLIGHTED AREAS: CONCENTRATION EQUALS OR EXCEEDS MASSACHUSETTS OR EPA DRINKING WATER STANDARDS OR GUIDELINES
(2) MASSACHUSETTS DRINKING WATER STANDARD OR MAXIMUM CONTAMINANT LEVEL (MCL); VERSION SPRING 2010.
(3) MASSACHUSETTS DRINKING WATER GUIDELINE OR SECONDARY MAXIMUM CONTAMINANT LEVEL (SMCL); VERSION SPRING 2010.
(4) EPA PRIMARY DRINKING WATER STANDARD; AS FOUND AT: http://water.epa.gov/drink/contaminants/index.cfm
(5) EPA SECONDARY DRINKING WATER STANDARD; AS FOUND AT: http://water.epa.gov/drink/contaminants/index.cfm
(6) MW-6S WAS DRY AND COULD NOT BE SAMPLED.
(7) DUP-1 TAKEN AT MW-6D.
<#.# NOT DETECTED TO THE LIMIT INDICATED
NL: NO LIMIT
NS: NOT SAMPLED

TABLE 4
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
SURFACE WATER QUALITY SAMPLING - NOVEMBER 2010
METALS, INDICATOR PARAMETERS AND FIELD PARAMETERS

		ALPHA SAMPLE NUMBER	L1018058-04	L1018058-05	L1018058-06	L1018058-07
		SAMPLING DATE	11/11/2010	11/11/2010	11/11/2010	11/11/2010
		SAMPLING LOCATION	SW-1	SW-2	SW-3	SW-4
	NRWQC [2,3]	UNITS				
FIELD PARAMETERS						
TEMPERATURE	NL	°C	7.42	7.78	8.02	9.29
CONDUCTIVITY	NL	us/cm	785	714	468	364
DISSOLVED OXYGEN	NL	mg/L	7.02	8.27	4.3	3.42
pH	6.5-9	-	6.64	6.33	6.43	6.48
INDICATOR PARAMETERS						
ALKALINITY	20	mg/L	38	34	33	70
TDS (TOT. DISSOLVED SOLIDS)	NL	mg/L	440	390	240	190
NITRATE-NITROGEN	NL	mg/L	0.32	0.26	0.82	0.35
CYANIDE, TOTAL	0.0052	mg/L	0.006	<0.005	<0.005	<0.005
SULFATE	NL	mg/L	15	14	<10	<10
CHLORIDE	230	mg/L	200	180	110	57
COD (CHEMICAL OXYGEN DEMAND)	NL	mg/L	29	<20	270	41
HARDNESS	NL	mg/L	68	60	100	81
DISSOLVED METALS						
ARSENIC	150	ug/L	<5	<5	<5	<5
BARIUM	NL	ug/L	56	41	57	23
CADMIUM	0.172-0.246 [4,5]	ug/L	<0.2	<0.2	<0.2	<0.2
CALCIUM	NL	ug/L	22,000	20,000	22,000	26,000
CHROMIUM	NL	ug/L	<10	<10	<10	<10
COPPER	5.79-8.96 [4,5]	ug/L	<10	<10	<10	<10
IRON	1,000	ug/L	340	80	<50	50
LEAD	1.44-2.52 [4,5]	ug/L	<0.5	<0.5	<0.5	<0.5
MANGANESE	NL	ug/L	462	32	1300	662
MERCURY	0.77	ug/L	<0.2	<0.2	<0.2	<0.2
SELENIUM	4.61	ug/L	<10	<10	<10	<10
SILVER	1.34-3.22 [4,5]	ug/L	<7	<7	<7	<7
SODIUM	NL	ug/L	130,000	110,000	57,000	34,000
ZINC	76.63-118.14 [4,5]	ug/L	<50	<50	<50	<50

NOTES:
(1) HIGHLIGHTED AREAS: CONCENTRATION EQUALS OR EXCEEDS NRWQC STANDARDS
(2) NRWQC: NATIONAL RECOMMENDED WATER QUALITY CRITERIA FOR FRESHWATER BASED SURFACE WATER; VERSION 2009.
(3) CRITERION CONTINUOUS CONCENTRATIONS (CCC) VALUES ARE COMPARED TO UNLESS NONE ARE AVAILABLE, THEN THE CRITERION MAXIMUM CONCENTRATIONS (CMC) VALUES ARE USED.
(4) THIS NRWQC IS HARDNESS DEPENDENT AND IS CALCULATED BASED UPON THE EQUATIONS AND FACTORS PRESENTED IN APPENDIX B OF THE NRWQC GUIDANCE DOCUMENT.
(5) SEE TABLE 4B FOR THE INDIVIDUAL HARDNESS DEPENDENT CRITERIA FOR EACH SAMPLING LOCATION.
<#.# NOT DETECTED TO THE LIMIT INDICATED

TABLE 4B
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
SURFACE WATER QUALITY SAMPLING - NOVEMBER 2010
HARDNESS DEPENDENT METAL STANDARDS

Surface Water Sampling Locations	***Measured Hardness (mg/L)***	*Cadmium (ug/L)*	*Calculated **Cadmium** Standard (ug/L)*	*Lead (ug/L)*	*Calculated **Lead** Standard (ug/L)*	*Silver (ug/L)*	*Calculated **Silver** Standard (ug/L)*	*Copper (ug/L)*	*Calculated **Copper** Standard (ug/L)*	*Zinc (ug/L)*	*Calculated **Zinc** Standard (ug/L)*
SW-1	68	<0.2	0.188	<0.5	1.650	<7	1.657	<10	6.441	<50	85.208
SW-2	60	<0.2	0.172	<0.5	1.437	<7	1.336	<10	5.788	<50	76.634
SW-3	100	<0.2	0.246	<0.5	2.517	<7	3.217	<10	8.956	<50	118.139
SW-4	81	<0.2	0.212	<0.5	1.999	<7	2.239	<10	7.480	<50	98.822

NOTES:
1. HARDNESS DEPENDENT METALS REQUIRE THE NRWQC TO BE CALCULATED IF THE SAMPLE HARDNESS DIFFERS FROM 100 MG/L. CRITERIA ARE CALCULATED ACCORDING TO THE EQUATIONS AND FACTORS PRESENTED IN APPENDIX B OF THE NRWQC GUIDANCE DOCUMENT DATED 2009.

<#.# NOT DETECTED TO THE LIMIT INDICATED

TABLE 5
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
SURFACE WATER QUALITY SAMPLING - NOVEMBER 2010
VOLATILE ORGANIC COMPOUNDS

		ALPHA SAMPLE NUMBER	L1018058-04	L1018058-05	L1018058-06	L1018058-07
		SAMPLING DATE	11/11/2010	11/11/2010	11/11/2010	11/11/2010
		SAMPLING LOCATION	SW-1	SW-2	SW-3	SW-4
	NRWQC [2,3]	UNITS				
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
1,1,1-TRICHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
1,1,2,2-TETRACHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
1,1,2-TRICHLOROETHANE	NL	ug/l	<0.75	<0.75	<0.75	<0.75
1,1-DICHLOROETHANE	NL	ug/l	<0.75	<0.75	<0.75	<0.75
1,1-DICHLOROETHENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
1,1-DICHLOROPROPENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2,3- TRICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2,3-TRICHLOROPROPANE	NL	ug/l	<5	<5	<5	<5
1,2,4-TRICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2,4-TRIMETHYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2- DIBROMO-3-CHLOROPROPANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2-DIBROMOETHANE	NL	ug/l	<2	<2	<2	<2
1,2-DICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,2-DICHLOROETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
1,2-DICHLOROPROPANE	NL	ug/l	<1.8	<1.8	<1.8	<1.8
1,3,5-TRIMETHYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,3-DICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,3-DICHLOROPROPANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,4-DICHLOROBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
1,4-DICHLOROBUTANE	NL	ug/l	<5	<5	<5	<5
1,4-DIOXANE	NL	ug/l	<250	<250	<250	<250
2,2-DICHLOROPROPANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
2-BUTANONE	NL	ug/l	<5	<5	<5	<5
2-CHLOROTOLUENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
2-HEXANONE	NL	ug/l	<5	<5	<5	<5
4-CHLOROTOLUENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
4-METHYL-2-PENTANONE	NL	ug/l	<5	<5	<5	<5
ACETONE	NL	ug/l	<5	<5	<5	<5
ACRYLONITRILE	NL	ug/l	<5	<5	<5	<5
BENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
BROMOBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
BROMOCHLOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
BROMODICHLOROMETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
BROMOFORM	NL	ug/l	<2	<2	<2	<2
BROMOMETHANE	NL	ug/l	<1	<1	<1	<1
CARBON DISULFIDE	NL	ug/l	<5	<5	<5	<5
CARBON TETRACHLORIDE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
CHLOROBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
CHLOROETHANE	NL	ug/l	<1	<1	<1	<1
CHLOROFORM	NL	ug/l	<0.75	<0.75	<0.75	<0.75
CHLOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
cis 1,2-DICHLOROETHENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
cis 1,3-DICHLOROPROPENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
DIBROMOCHLOROMETHANE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
DIBROMOMETHANE	NL	ug/l	<5	<5	<5	<5
DICHLORODIFLUOROMETHANE	NL	ug/l	<5	<5	<5	<5
ETHYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
ETHYL ETHER	NL	ug/l	<2.5	<2.5	<2.5	<2.5
ETHYL METHACRYLATE	NL	ug/l	<5	<5	<5	<5
HEXACHLOROBUTADIENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
ISOPROPYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
ISOPROPYLMETHYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
M- AND P- XYLENES	NL	ug/l	<1	<1	<1	<1
METHYL TERT-BUTYL ETHER	NL	ug/l	<1	<1	<1	<1
METHYLENE CHLORIDE	NL	ug/l	<3	<3	<3	<3
N-BUTYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
N-PROPYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
NAPHTHALENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
O-XYLENE	NL	ug/l	<1	<1	<1	<1
SEC-BUTYLBENZENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
STYRENE	NL	ug/l	<1	<1	<1	<1
TERT-BUTYLBENZENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
TETRACHLOROETHENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
TETRAHYDROFURAN	NL	ug/l	<5	<5	<5	<5
TOLUENE	NL	ug/l	<0.75	<0.75	<0.75	<0.75
TRANS-1,2-DICHLOROETHENE	NL	ug/l	<0.75	<0.75	<0.75	<0.75
TRANS-1,3-DICHLOROPROPENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
TRANS-1,4-DICHLORO-2-BUTENE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
TRICHLOROETHENE	NL	ug/l	<0.5	<0.5	<0.5	<0.5
TRICHLOROFLUOROMETHANE	NL	ug/l	<2.5	<2.5	<2.5	<2.5
VINYL ACETATE	NL	ug/l	<5	<5	<5	<5
VINYL CHLORIDE	NL	ug/l	<1	<1	<1	<1

NOTES:
(1) HIGHLIGHTED AREAS: CONCENTRATION EQUALS OR EXCEEDS NRWQC
(2) NRWQC: NATIONAL RECOMMENDED WATER QUALITY CRITERIA FOR FRESHWATER BASED SURFACE WATER; VERSION 2009.
(3) CRITERION CONTINUOUS CONCENTRATIONS (CCC) VALUES ARE COMPARED TO UNLESS NONE ARE AVAILABLE, THEN THE CRITERION MAXIMUM CONCENTRATIONS (CMC) VALUES ARE USED.
<#.# NOT DETECTED TO THE LIMIT INDICATED
NL: NO LIMIT

TABLE 6
FOXBOROUGH SANITARY LANDFILL
FOXBOROUGH, MASSACHUSETTS
PERIMETER LANDFILL GAS MONITORING - NOVEMBER 2010

Gas Well No.	Type	Date	CH_4 (%)		%LEL		CO_2 (%)		O_2 (%)		OVM (ppmv)		H_2S (ppmv)	
			Initial	*Final*	*Initial*	*Final*	*Initial*	*Final*	*Initial*	*Final*	*Initial*	*Final*	*Initial*	*Final*
SGP-1	Probe	11/08/10	0.0	0.0	0.0	0.0	1.5	1.1	19.3	19.5	0.0	0.0	0.0	0.0
SGP-2	Probe	11/08/10	0.0	0.0	0.0	0.0	1.9	2.4	19.9	17.9	0.0	0.0	0.0	0.0
SGP-3	Probe	11/08/10	0.0	0.0	0.0	0.0	3.6	8.9	19.1	10.0	0.1	0.0	0.0	0.0
SGP-4	Well	11/08/10	0.0	0.0	0.0	0.0	0.4	0.7	20.5	20.2	0.0	0.0	0.0	0.0
SGP-5	Probe	11/08/10	0.0	0.0	0.0	0.0	0.7	0.3	19.9	20.1	0.0	0.0	0.0	0.0
SGP-6	Well	11/08/10	0.0	0.0	0.0	0.0	0.4	0.0	20.3	20.6	0.0	0.0	0.0	0.0
SGP-7	Probe	11/08/10	0.0	0.0	0.0	0.0	0.4	0.3	20.4	20.3	0.0	0.0	0.0	0.0
SGP-8	Probe	11/08/10	0.0	0.0	0.0	0.0	8.5	5.9	17.7	15.7	0.5	0.1	0.0	0.0
SGP-9	Probe	11/08/10	17.6	10.3	352.0	206.0	15.3	16.9	1.6	3.7	1.3	0.0	0.0	0.0
SGP-9A [3]	Probe	11/08/10	0.0	0.0	0.0	0.0	1.1	1.2	19.9	19.3	0.0	0.0	0.0	0.0

Notes:
1. Wells and probes were purged for approximately 10 minutes before final readings were recorded.
2. Methane measured with combustible gas indicator.
3. SGP-9A is downgradient of SGP-9 and was sampled to confirm no lateral migration of landfill gas was occuring outwardly from SGP-9.

NS - Not sampled

ANALYTICAL REPORT

Lab Number:	L1017929
Client:	Camp Dresser & McKee, Inc. 1 Cambridge Place 50 Hampshire Street Cambridge, MA 02139
ATTN:	Vin Recchia
Phone:	(617) 452-6659
Project Name:	FOXBORO LF
Project Number:	10905
Report Date:	11/30/10

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Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1017929-01	MW-2S	E. BELCHER	11/10/10 08:30
L1017929-02	MW-2D	E. BELCHER	11/10/10 08:45
L1017929-03	MW-1S	E. BELCHER	11/10/10 09:40
L1017929-04	MW-1D	E. BELCHER	11/10/10 09:55
L1017929-05	MW-8D	E. BELCHER	11/10/10 11:30
L1017929-06	MW-7D	E. BELCHER	11/10/10 12:45
L1017929-07	FB-1	E. BELCHER	11/10/10 13:30
L1017929-08	TRIP BLANK (TB)	E. BELCHER	11/10/10 00:00

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Case Narrative

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

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

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

For additional information, please contact Client Services at 800-624-9220.

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Chloride

L1017929-06 has an elevated detection limit due to the dilution required to quantitate the result within the calibration range.

Cyanide, Total

L1017929-07 was re-prepped and re-analyzed with the method required holding time exceeded and had a result of Non-Detect.

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: Michelle M. Morris

Title: Technical Director/Representative

Date: 11/30/10

ORGANICS

VOLATILES

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-01	Date Collected:	11/10/10 08:30
Client ID:	MW-2S	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/12/10 10:03		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF **Lab Number:** L1017929
Project Number: 10905 **Report Date:** 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-01 Date Collected: 11/10/10 08:30
Client ID: MW-2S Date Received: 11/10/10
Sample Location: E. BELCHER Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-01
Client ID: MW-2S
Sample Location: E. BELCHER
Date Collected: 11/10/10 08:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

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

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-02	Date Collected:	11/10/10 08:45
Client ID:	MW-2D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 15:14		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-02
Client ID: MW-2D
Sample Location: E. BELCHER

Date Collected: 11/10/10 08:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-02
Client ID: MW-2D
Sample Location: E. BELCHER

Date Collected: 11/10/10 08:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-03	Date Collected:	11/10/10 09:40
Client ID:	MW-1S	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 15:49		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-03
Client ID: MW-1S
Sample Location: E. BELCHER

Date Collected: 11/10/10 09:40
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-03
Client ID: MW-1S
Sample Location: E. BELCHER
Date Collected: 11/10/10 09:40
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-04	Date Collected:	11/10/10 09:55
Client ID:	MW-1D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 16:24		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-04
Client ID: MW-1D
Sample Location: E. BELCHER

Date Collected: 11/10/10 09:55
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-04
Client ID: MW-1D
Sample Location: E. BELCHER
Date Collected: 11/10/10 09:55
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-05	Date Collected:	11/10/10 11:30
Client ID:	MW-8D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 16:58		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-05
Client ID: MW-8D
Sample Location: E. BELCHER

Date Collected: 11/10/10 11:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-05
Client ID: MW-8D
Sample Location: E. BELCHER
Date Collected: 11/10/10 11:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-06	Date Collected:	11/10/10 12:45
Client ID:	MW-7D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 17:33		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-06
Client ID: MW-7D
Sample Location: E. BELCHER

Date Collected: 11/10/10 12:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-06
Client ID: MW-7D
Sample Location: E. BELCHER
Date Collected: 11/10/10 12:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-07	Date Collected:	11/10/10 13:30
Client ID:	FB-1	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 18:07		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-07
Client ID: FB-1
Sample Location: E. BELCHER
Date Collected: 11/10/10 13:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF
Project Number: 10905
Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-07
Client ID: FB-1
Sample Location: E. BELCHER
Date Collected: 11/10/10 13:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

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

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-08	Date Collected:	11/10/10 00:00
Client ID:	TRIP BLANK (TB)	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/19/10 18:41		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LF **Lab Number:** L1017929

Project Number: 10905 **Report Date:** 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-08 Date Collected: 11/10/10 00:00

Client ID: TRIP BLANK (TB) Date Received: 11/10/10

Sample Location: E. BELCHER Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LF **Lab Number:** L1017929

Project Number: 10905 **Report Date:** 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-08 Date Collected: 11/10/10 00:00

Client ID: TRIP BLANK (TB) Date Received: 11/10/10

Sample Location: E. BELCHER Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/12/10 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG442738-3					
Methylene chloride	ND		ug/l	3.0	--
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: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/12/10 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG442738-3					
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	--
1,4-Dichlorobutane	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	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	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	0.50	--

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/12/10 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG442738-3					
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	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
1,4-Dioxane	ND		ug/l	250	--

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

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/19/10 08:53
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-08 Batch: WG444045-3					
Methylene chloride	ND		ug/l	3.0	--
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: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/19/10 08:53
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-08 Batch: WG444045-3					
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	--
1,4-Dichlorobutane	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	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	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	0.50	--

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/19/10 08:53
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-08 Batch: WG444045-3					
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	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG442738-1 WG442738-2								
Chlorobenzene	108		104		75-130	4		20
Benzene	104		100		76-127	4		20
Toluene	108		103		76-125	5		20
1,1-Dichloroethene	101		94		61-145	7		20
Trichloroethene	98		97		71-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		104		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	100		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-08 Batch: WG444045-1 WG444045-2								
Chlorobenzene	102		100		75-130	2		20
Benzene	105		100		76-127	5		20
Toluene	102		96		76-125	6		20
1,1-Dichloroethene	94		86		61-145	9		20
Trichloroethene	98		94		71-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	106		105		70-130

METALS

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-01	Date Collected:	11/10/10 08:30
Client ID:	MW-2S	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.013		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Calcium, Dissolved	7.4		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Iron, Dissolved	ND		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Manganese, Dissolved	0.011		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:09	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Sodium, Dissolved	5.8		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 09:38	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-02	Date Collected:	11/10/10 08:45
Client ID:	MW-2D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.074		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Calcium, Dissolved	37		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Iron, Dissolved	1.6		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Manganese, Dissolved	5.27		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:11	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Sodium, Dissolved	39		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 09:50	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-03	Date Collected:	11/10/10 09:40
Client ID:	MW-1S	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.035		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Calcium, Dissolved	28		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Iron, Dissolved	1.2		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Manganese, Dissolved	6.08		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:13	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Sodium, Dissolved	15		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 09:54	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-04	Date Collected:	11/10/10 09:55
Client ID:	MW-1D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.031		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Calcium, Dissolved	32		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Iron, Dissolved	1.2		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Manganese, Dissolved	5.79		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:15	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Sodium, Dissolved	15		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 09:57	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-05	Date Collected:	11/10/10 11:30
Client ID:	MW-8D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.026		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Calcium, Dissolved	90		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Iron, Dissolved	0.22		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Manganese, Dissolved	7.09		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:16	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Sodium, Dissolved	12		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 10:06	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-06	Date Collected:	11/10/10 12:45
Client ID:	MW-7D	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Barium, Dissolved	0.041		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Calcium, Dissolved	31		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Iron, Dissolved	ND		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Manganese, Dissolved	0.015		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:18	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Sodium, Dissolved	100		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 10:09	EPA 3005A	1,6010B	MG

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

SAMPLE RESULTS

Lab ID:	L1017929-07	Date Collected:	11/10/10 13:30
Client ID:	FB-1	Date Received:	11/10/10
Sample Location:	E. BELCHER	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Barium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Calcium, Dissolved	ND		mg/l	0.10	--	1	11/19/10 13:30	11/29/10 12:38	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Iron, Dissolved	ND		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:20	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Sodium, Dissolved	ND		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 10:13	EPA 3005A	1,6010B	MG

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG442811-1										
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Barium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Calcium, Dissolved	ND		mg/l	0.10	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Copper, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Iron, Dissolved	ND		mg/l	0.05	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Lead, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Silver, Dissolved	ND		mg/l	0.007	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Sodium, Dissolved	ND		mg/l	2.0	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/12/10 13:20	11/16/10 09:28	1,6010B	MG

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 07 Batch: WG444075-1										
Calcium, Dissolved	ND		mg/l	0.10	--	1	11/19/10 13:30	11/29/10 11:47	1,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG444454-1										
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/22/10 20:00	11/23/10 12:06	1,7470A	KR

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG442811-2								
Arsenic, Dissolved	112		-		80-120	-		
Barium, Dissolved	102		-		80-120	-		
Cadmium, Dissolved	111		-		80-120	-		
Calcium, Dissolved	99		-		80-120	-		
Chromium, Dissolved	100		-		80-120	-		
Copper, Dissolved	101		-		80-120	-		
Iron, Dissolved	100		-		80-120	-		
Lead, Dissolved	108		-		80-120	-		
Manganese, Dissolved	102		-		80-120	-		
Selenium, Dissolved	115		-		80-120	-		
Silver, Dissolved	110		-		80-120	-		
Sodium, Dissolved	100		-		80-120	-		
Zinc, Dissolved	105		-		80-120	-		
Dissolved Metals - Westborough Lab Associated sample(s): 07 Batch: WG444075-2								
Calcium, Dissolved	99		-		80-120	-		
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG444454-2								
Mercury, Dissolved	108		-		70-130	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442811-4 QC Sample: L1017929-01 Client ID: MW-2S												
Arsenic, Dissolved	ND	0.12	0.137	114		-	-		75-125	-		20
Barium, Dissolved	0.013	2	2.03	101		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.051	0.056	110		-	-		75-125	-		20
Calcium, Dissolved	7.4	10	17	96		-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.20	100		-	-		75-125	-		20
Copper, Dissolved	ND	0.25	0.252	101		-	-		75-125	-		20
Iron, Dissolved	ND	1	1.0	100		-	-		75-125	-		20
Lead, Dissolved	ND	0.51	0.549	108		-	-		75-125	-		20
Manganese, Dissolved	0.011	0.5	0.520	102		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.135	112		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.054	108		-	-		75-125	-		20
Sodium, Dissolved	5.8	10	16	102		-	-		75-125	-		20
Zinc, Dissolved	ND	0.5	0.534	107		-	-		75-125	-		20
Dissolved Metals - Westborough Lab Associated sample(s): 07 QC Batch ID: WG444075-4 QC Sample: L1018288-02 Client ID: MS Sample												
Calcium, Dissolved	120	10	130	100		-	-		75-125	-		20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444454-4 QC Sample: L1018321-01 Client ID: MS Sample												
Mercury, Dissolved	ND	0.001	0.0018	**183**	Q	-	-		70-130	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442811-3 QC Sample: L1017929-01 Client ID: MW-2S						
Arsenic, Dissolved	ND	ND	mg/l	NC		20
Barium, Dissolved	0.013	0.012	mg/l	2		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	7.4	7.5	mg/l	1		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Manganese, Dissolved	0.011	0.011	mg/l	1		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	5.8	5.9	mg/l	2		20
Zinc, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444454-3 QC Sample: L1018321-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-01
Client ID: MW-2S
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 08:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	22		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	59		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:21	1,9010B/9012A	JO
Chloride	3.1		mg/l	1.0	--	1	-	11/11/10 20:51	1,9251	LA
Nitrogen, Nitrate	0.66		mg/l	0.10	--	1	-	11/12/10 09:06	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-02
Client ID: MW-2D
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 08:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	130		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	310		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:22	1,9010B/9012A	JO
Chloride	80		mg/l	1.0	--	1	-	11/11/10 20:53	1,9251	LA
Nitrogen, Nitrate	0.67		mg/l	0.10	--	1	-	11/12/10 09:07	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-03
Client ID: MW-1S
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 09:40
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	100		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	170		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:23	1,9010B/9012A	JO
Chloride	24		mg/l	1.0	--	1	-	11/11/10 20:54	1,9251	LA
Nitrogen, Nitrate	0.12		mg/l	0.10	--	1	-	11/12/10 09:07	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	31		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-04
Client ID: MW-1D
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 09:55
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	100		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	180		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:24	1,9010B/9012A	JO
Chloride	29		mg/l	1.0	--	1	-	11/11/10 20:55	1,9251	LA
Nitrogen, Nitrate	0.16		mg/l	0.10	--	1	-	11/12/10 09:08	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	24		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-05
Client ID: MW-8D
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 11:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	260		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	300		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	0.007		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:26	1,9010B/9012A	JO
Chloride	6.5		mg/l	1.0	--	1	-	11/11/10 20:55	1,9251	LA
Nitrogen, Nitrate	ND		mg/l	0.10	--	1	-	11/12/10 09:11	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-06
Client ID: MW-7D
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 12:45
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	31		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	440		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	0.009		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:28	1,9010B/9012A	JO
Chloride	180		mg/l	10	--	10	-	11/11/10 21:28	1,9251	LA
Nitrogen, Nitrate	ND		mg/l	0.10	--	1	-	11/12/10 09:12	30,4500NO3-F	JO
Sulfate	11		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:23	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

SAMPLE RESULTS

Lab ID: L1017929-07
Client ID: FB-1
Sample Location: E. BELCHER
Matrix: Water

Date Collected: 11/10/10 13:30
Date Received: 11/10/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	ND		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	0.007		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:29	1,9010B/9012A	JO
Chloride	ND		mg/l	1.0	--	1	-	11/11/10 21:31	1,9251	LA
Nitrogen, Nitrate	ND		mg/l	0.10	--	1	-	11/12/10 09:12	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:24	30,5220D	DW

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG442483-1										
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/11/10 09:30	11/11/10 13:20	30,5220D	DW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG442616-1										
Chloride	ND		mg/l	1.0	--	1	-	11/11/10 20:28	1,9251	LA
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG442689-2										
Nitrogen, Nitrate	ND		mg/l	0.10	--	1	-	11/12/10 08:48	30,4500NO3-F	JO
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG442998-1										
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG444000-3										
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/10 11:30	11/22/10 14:18	1,9010B/9012A	JO
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG444098-1										
Sulfate	ND		mg/l	10	--	1	11/19/10 15:55	11/19/10 15:55	1,9038	AW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG444428-1										
Alkalinity, Total	ND		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG442483-2								
Chemical Oxygen Demand	98		-		93-106	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG442616-2								
Chloride	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG442689-1								
Nitrogen, Nitrate	94		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG442998-2								
Solids, Total Dissolved	94		-		72-121	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG444000-1 WG444000-2								
Cyanide, Total	103		101		80-120	2		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG444098-2								
Sulfate	100		-		90-115	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG444428-2								
Alkalinity, Total	102		-		80-115	-		11

Matrix Spike Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442483-3 QC Sample: L1017929-01 Client ID: MW-2S												
Chemical Oxygen Demand	ND	238	270	112		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442616-3 QC Sample: L1017929-06 Client ID: MW-7D												
Chloride	180	40	220	75		-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442689-3 QC Sample: L1018058-02 Client ID: MS Sample												
Nitrogen, Nitrate	0.20	4	4.2	100		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444000-4 WG444000-5 QC Sample: L1017929-05 Client ID: MW-8D												
Cyanide, Total	0.007	0.2	0.243	118		0.213	103		80-120	13		30
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444098-4 QC Sample: L1017929-06 Client ID: MW-7D												
Sulfate	11	20	29	90		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444428-3 QC Sample: L1018392-04 Client ID: MS Sample												
Alkalinity, Total	170	100	270	102		-	-		86-116	-		11

Lab Duplicate Analysis
Batch Quality Control

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442483-4 QC Sample: L1017929-01 Client ID: MW-2S						
Chemical Oxygen Demand	ND	ND	mg/l	NC		12
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442616-4 QC Sample: L1017929-06 Client ID: MW-7D						
Chloride	180	190	mg/l	5		7
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442689-4 QC Sample: L1018058-03 Client ID: DUP Sample						
Nitrogen, Nitrate	0.14	0.13	mg/l	7		17
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG442998-3 QC Sample: L1018140-02 Client ID: DUP Sample						
Solids, Total Dissolved	720	710	mg/l	1		11
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444098-3 QC Sample: L1017929-06 Client ID: MW-7D						
Sulfate	11	ND	mg/l	NC		14
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG444428-4 QC Sample: L1018392-04 Client ID: DUP Sample						
Alkalinity, Total	170	170	mg CaCO3/L	0		11

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1017929-01A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-01B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-01C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1017929-01D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-01E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-01F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-01G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-02A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-02B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-02C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1017929-02D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-02E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-02F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-02G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-03A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-03B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-03C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1017929-03D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-03E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-03F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-03G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-04A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-04B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-04C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1017929-04D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-04E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-04F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-04G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-05A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-05B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-05C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1017929-05D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-05E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-05F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-05G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-06A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-06B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-06C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LF
Project Number: 10905

Lab Number: L1017929
Report Date: 11/30/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1017929-06D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-06E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-06F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-06G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-07A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-07B	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)
L1017929-07C	Plastic 1000ml unpreserved	A	7	2	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1017929-07D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1017929-07E	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-9010(14)
L1017929-07F	Plastic 120ml H2SO4 preserved	A	<2	2	Y	Absent	COD-5220(28)
L1017929-07G	Plastic 250ml unpreserved	A	N/A	2	Y	Absent	ALK-T-2320(14)
L1017929-08A	Vial HCl preserved	A	N/A	2	Y	Absent	8260(14)

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LF **Lab Number:** L1017929
Project Number: 10905 **Report Date:** 11/30/10

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.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

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.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL 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

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 at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to 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.

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

I · The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

P · The RPD between the results for the two columns exceeds the method-specified criteria.

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R · Analytical results are from sample re-analysis.

Report Format: Data Usability Report

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

Data Qualifiers

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Project Name:	FOXBORO LF	**Lab Number:**	L1017929
Project Number:	10905	**Report Date:**	11/30/10

REFERENCES

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

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

LIMITATION OF LIABILITIES

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

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.

Certificate/Approval Program Summary

Last revised July 19, 2010 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)
Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624, ME DRO, ME GRO, MA EPH, MA VPH.)
Solid Waste/Soil (Organic Parameters: ME DRO, ME GRO, MA EPH, MA VPH.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)
(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), 314.0, 332.
Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; MF-SM9222D
Non-Potable Water
Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)
(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Ti,Tl, V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)

(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables, 600/4-81-045-PCB-Oil

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 120.1, 300.0, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, SM2120B, 2510B, 5310C, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, LACHAT 10-117-07-1A or B, SM4500Cl-E, 4500F-C, SM15 426C, EPA 350.1, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, SM4500-CN-E LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 5030B, 625, 624. 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NY-DOH Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S2¯D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 9251, 9038, 350.1, 353.2, 351.1, 120.1, 9050A , 410.4, 9060, 1664, 420.1, LACHAT 10-107-06-1-B, SM 4500CN-E, 4500H-B, 4500CL-E, 4500F-BC, 4500SO4-E, 426C, 4500NH3-B, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500Norg-C, 4500PE, 2510B, 5540C, 5220D, 5310C, 2540B, 2540C, 2540D, 510C, 4500S2-AD, 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8330, 625, 8082, 8151A, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9040B, 9045C, 9065, 420.1, 9012A, 6860, 1311, 1312, 3050B, 9030B, 3051, 9010B, 3540C, SM 510ABC, 4500CN-CE, 2540G, SW-846 7.3, Organic Parameters: EPA 8260B, 8270C, 8330, 8082, 8081A, 8151A, 3545, 3546, 3580, 5035, MassDEP EPH, MassDEP VPH.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline. **EPA 350.1** for Ammonia in a Soil matrix.

Serial_No:11301018:24

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

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

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

Date Rec'd in Lab: 11/10/10

ALPHA Job #: L1017929

Client Information

Client: CDM

Address: 50 HAMPSHIRE ST. CAMBRIDGE MA

Phone: 617-452-6000 EXT. 6659

Fax: 617-452-8000

Email: RECCHIAV@CDM.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: FOXBORO LF

Project Location: E. BELCHER

Project #: 10905

Project Manager: VIN RECCHIA

ALPHA Quote #:

Turn-Around Time

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

Date Due: 11/24/10 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 | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☑ No Are MCP Analytical Methods Required?

☐ Yes ☑ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

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

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS

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	VOC 8260	COD	TCN	WET CHEM: TDS, NO3, SO4, CL	DISSOLVED RCRA 8H CA + NA	ALKALINITY	Sample Specific Comments	TOTAL # BOTTLES
1929.1	MW-2S	11/10/10	8:30	GW	PA/KB	X	X	X	X	X	X		7
2	MW-2D		8:45			X	X	X	X	X	X		7
3	MW-1S		9:40			X	X	X	X	X	X		7
4	MW-1D		9:55			X	X	X	X	X	X		7
5	MW-8D		11:30			X	X	X	X	X	X		7
6	MW-7D		12:45			X	X	X	X	X	X		7
7	FB-1		13:30			X	X	X	X	X	X		7
8	TRIP BLANK (TB)	10/27/10	—	TB	DP	X							1

Container Type	V	P	P	P	P	P
Preservative	B	D	E	A	L	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/10/10 14:30	[signature]	11/10/10 14:30
[signature]	11/10/10 17:00	[signature]	11/10/10 17:00

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

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1018058
Client:	Camp Dresser & McKee, Inc. 1 Cambridge Place 50 Hampshire Street Cambridge, MA 02139
ATTN:	Vin Recchia
Phone:	(617) 452-6659
Project Name:	FOXBORO LANDFILL
Project Number:	10905
Report Date:	12/01/10

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Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1018058-01	MW-6D	FOXBORO, MA	11/11/10 09:40
L1018058-02	MW-4S	FOXBORO, MA	11/11/10 11:15
L1018058-03	MW-4D	FOXBORO, MA	11/11/10 10:15
L1018058-04	SW-1	FOXBORO, MA	11/11/10 10:20
L1018058-05	SW-2	FOXBORO, MA	11/11/10 12:00
L1018058-06	SW-3	FOXBORO, MA	11/11/10 12:30
L1018058-07	SW-4	FOXBORO, MA	11/11/10 13:00
L1018058-08	TRIP BLANK	FOXBORO, MA	11/11/10 00:00
L1018058-09	DUP-1	FOXBORO, MA	11/11/10 00:00

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Case Narrative

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

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

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

For additional information, please contact Client Services at 800-624-9220.

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

A sample identified as "DUP-1" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed for all analysis.

At the client's request, samples "MW-6D", "MW-4S", "MW-4D" and "DUP-1" were not analyzed for Total Hardness.

Volatile Organics

L1018058-08: The Trip Blank has a result for Acetone present above the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Case Narrative (continued)

Chloride

L1018058-02 through -06 have elevated detection limits due to the dilutions required to quantitate the results within the calibration range.

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: Michelle M. Morris

Title: Technical Director/Representative

Date: 12/01/10

ORGANICS

VOLATILES

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-01	Date Collected:	11/11/10 09:40
Client ID:	MW-6D	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/21/10 13:29		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-01 Date Collected: 11/11/10 09:40
Client ID: MW-6D Date Received: 11/11/10
Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-01 Date Collected: 11/11/10 09:40

Client ID: MW-6D Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	99		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-02	Date Collected:	11/11/10 11:15
Client ID:	MW-4S	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 09:50		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-02 Date Collected: 11/11/10 11:15

Client ID: MW-4S Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-02 Date Collected: 11/11/10 11:15

Client ID: MW-4S Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	90		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-03	Date Collected:	11/11/10 10:15
Client ID:	MW-4D	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 10:24		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-03
Client ID: MW-4D
Sample Location: FOXBORO, MA
Date Collected: 11/11/10 10:15
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-03 Date Collected: 11/11/10 10:15

Client ID: MW-4D Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	90		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-04	Date Collected:	11/11/10 10:20
Client ID:	SW-1	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 10:58		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-04 Date Collected: 11/11/10 10:20

Client ID: SW-1 Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-04	Date Collected:	11/11/10 10:20
Client ID:	SW-1	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	92		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-05	Date Collected:	11/11/10 12:00
Client ID:	SW-2	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 11:32		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-05 Date Collected: 11/11/10 12:00
Client ID: SW-2 Date Received: 11/11/10
Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-05
Client ID: SW-2
Sample Location: FOXBORO, MA
Date Collected: 11/11/10 12:00
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	91		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-06	Date Collected:	11/11/10 12:30
Client ID:	SW-3	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 12:05		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-06 Date Collected: 11/11/10 12:30
Client ID: SW-3 Date Received: 11/11/10
Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-06 Date Collected: 11/11/10 12:30

Client ID: SW-3 Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	93		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-07	Date Collected:	11/11/10 13:00
Client ID:	SW-4	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 12:39		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-07
Client ID: SW-4
Sample Location: FOXBORO, MA
Date Collected: 11/11/10 13:00
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-07 Date Collected: 11/11/10 13:00

Client ID: SW-4 Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	93		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-08	Date Collected:	11/11/10 00:00
Client ID:	TRIP BLANK	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 13:13		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-08 Date Collected: 11/11/10 00:00

Client ID: TRIP BLANK Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	5.4		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-08 Date Collected: 11/11/10 00:00

Client ID: TRIP BLANK Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	94		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-09	Date Collected:	11/11/10 00:00
Client ID:	DUP-1	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	11/22/10 13:46		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	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
Trichlorofluoromethane	ND		ug/l	2.5	--	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
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	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

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-09 Date Collected: 11/11/10 00:00
Client ID: DUP-1 Date Received: 11/11/10
Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	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
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-09 Date Collected: 11/11/10 00:00

Client ID: DUP-1 Date Received: 11/11/10

Sample Location: FOXBORO, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	93		70-130

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/21/10 12:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG444273-3					
Methylene chloride	ND		ug/l	3.0	--
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: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/21/10 12:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG444273-3					
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	--
1,4-Dichlorobutane	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	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	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	0.50	--

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/21/10 12:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG444273-3					
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	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/22/10 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG444366-3					
Methylene chloride	ND		ug/l	3.0	--
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: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/22/10 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG444366-3					
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	--
1,4-Dichlorobutane	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	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
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	0.50	--

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/22/10 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG444366-3					
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	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	30	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG444273-1 WG444273-2								
Chlorobenzene	98		96		75-130	2		20
Benzene	100		97		76-127	3		20
Toluene	100		96		76-125	4		20
1,1-Dichloroethene	87		90		61-145	3		20
Trichloroethene	93		92		71-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	99		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG444366-1 WG444366-2								
Chlorobenzene	94		93		75-130	1		20
Benzene	101		98		76-127	3		20
Toluene	101		99		76-125	2		20
1,1-Dichloroethene	89		97		61-145	9		20
Trichloroethene	93		89		71-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	112		114		70-130
Dibromofluoromethane	97		98		70-130

METALS

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-01	Date Collected:	11/11/10 09:40
Client ID:	MW-6D	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Calcium, Dissolved	10		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:37	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Sodium, Dissolved	3.3		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 12:46	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-02	Date Collected:	11/11/10 11:15
Client ID:	MW-4S	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.021		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Calcium, Dissolved	36		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:43	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Sodium, Dissolved	19		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 12:58	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-03	Date Collected:	11/11/10 10:15
Client ID:	MW-4D	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.032		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Calcium, Dissolved	35		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:44	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Sodium, Dissolved	30		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 13:19	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-04	Date Collected:	11/11/10 10:20
Client ID:	SW-1	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Hardness by SM 2340B - Westborough Lab											
Hardness	68		mg/l	0.66	--	1	11/22/10 13:10	11/29/10 11:34	EPA 3005A	1,6010B	AI
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.056		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.0002	--	1	11/12/10 12:45	11/16/10 00:56	EPA 3005A	1,6020	BM
Calcium, Dissolved	22		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Iron, Dissolved	0.34		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.0005	--	1	11/12/10 12:45	11/16/10 00:56	EPA 3005A	1,6020	BM
Manganese, Dissolved	0.462		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:50	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Sodium, Dissolved	130		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 13:22	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-05	Date Collected:	11/11/10 12:00
Client ID:	SW-2	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Hardness by SM 2340B - Westborough Lab											
Hardness	60		mg/l	0.66	--	1	11/22/10 13:10	11/29/10 11:37	EPA 3005A	1,6010B	AI
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.041		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.0002	--	1	11/12/10 12:45	11/16/10 01:33	EPA 3005A	1,6020	BM
Calcium, Dissolved	20		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Iron, Dissolved	0.08		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.0005	--	1	11/12/10 12:45	11/16/10 01:33	EPA 3005A	1,6020	BM
Manganese, Dissolved	0.032		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:52	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Sodium, Dissolved	110		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 13:25	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-06	Date Collected:	11/11/10 12:30
Client ID:	SW-3	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Hardness by SM 2340B - Westborough Lab											
Hardness	100		mg/l	0.66	--	1	11/22/10 13:10	11/29/10 11:40	EPA 3005A	1,6010B	AI
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.057		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.0002	--	1	11/12/10 12:45	11/16/10 01:39	EPA 3005A	1,6020	BM
Calcium, Dissolved	22		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.0005	--	1	11/12/10 12:45	11/16/10 01:39	EPA 3005A	1,6020	BM
Manganese, Dissolved	1.30		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:53	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Sodium, Dissolved	57		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 13:28	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-07	Date Collected:	11/11/10 13:00
Client ID:	SW-4	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Hardness by SM 2340B - Westborough Lab											
Hardness	81		mg/l	0.66	--	1	11/22/10 13:10	11/29/10 11:43	EPA 3005A	1,6010B	AI
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Barium, Dissolved	0.023		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.0002	--	1	11/12/10 12:45	11/16/10 01:45	EPA 3005A	1,6020	BM
Calcium, Dissolved	26		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Iron, Dissolved	0.05		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.0005	--	1	11/12/10 12:45	11/16/10 01:45	EPA 3005A	1,6020	BM
Manganese, Dissolved	0.662		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:55	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Sodium, Dissolved	34		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 13:31	EPA 3005A	1,6010B	AI

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

SAMPLE RESULTS

Lab ID:	L1018058-09	Date Collected:	11/11/10 00:00
Client ID:	DUP-1	Date Received:	11/11/10
Sample Location:	FOXBORO, MA	Field Prep:	See Narrative
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Calcium, Dissolved	9.7		mg/l	0.10	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:57	EPA 7470A	1,7470A	KR
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Sodium, Dissolved	3.2		mg/l	2.0	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/22/10 10:45	11/24/10 15:10	EPA 3005A	1,6010B	AI

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 04-07 Batch: WG442806-1										
Cadmium, Dissolved	ND		mg/l	0.0002	--	1	11/12/10 12:45	11/15/10 21:30	1,6020	BM
Lead, Dissolved	ND		mg/l	0.0005	--	1	11/12/10 12:45	11/15/10 21:30	1,6020	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG443315-1										
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Calcium, Dissolved	ND		mg/l	0.10	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Copper, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Iron, Dissolved	ND		mg/l	0.05	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Manganese, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Sodium, Dissolved	ND		mg/l	2.0	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	11/16/10 12:00	11/30/10 12:39	1,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 09 Batch: WG444378-1										
Arsenic, Dissolved	ND		mg/l	0.005	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.005	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Calcium, Dissolved	ND	mg/l	0.10	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Chromium, Dissolved	ND	mg/l	0.01	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Copper, Dissolved	ND	mg/l	0.010	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Iron, Dissolved	ND	mg/l	0.05	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Lead, Dissolved	ND	mg/l	0.010	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Manganese, Dissolved	ND	mg/l	0.010	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Selenium, Dissolved	ND	mg/l	0.010	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Silver, Dissolved	ND	mg/l	0.007	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Sodium, Dissolved	ND	mg/l	2.0	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI
Zinc, Dissolved	ND	mg/l	0.050	--	1	11/22/10 10:45	11/24/10 14:33	1,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness by SM 2340B - Westborough Lab for sample(s): 04-07 Batch: WG444384-1									
Hardness	ND	mg/l	0.66	--	1	11/22/10 13:10	11/29/10 10:46	1,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-07,09 Batch: WG444682-1									
Mercury, Dissolved	ND	mg/l	0.0002	--	1	11/23/10 19:00	11/24/10 10:34	1,7470A	KR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 04-07 Batch: WG442806-2								
Cadmium, Dissolved	110		-		80-120	-		
Lead, Dissolved	105		-		80-120	-		
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG443315-2								
Arsenic, Dissolved	117		-		80-120	-		
Barium, Dissolved	104		-		80-120	-		
Cadmium, Dissolved	108		-		80-120	-		
Calcium, Dissolved	100		-		80-120	-		
Chromium, Dissolved	105		-		80-120	-		
Copper, Dissolved	106		-		80-120	-		
Iron, Dissolved	110		-		80-120	-		
Lead, Dissolved	112		-		80-120	-		
Manganese, Dissolved	104		-		80-120	-		
Selenium, Dissolved	120		-		80-120	-		
Silver, Dissolved	106		-		80-120	-		
Sodium, Dissolved	100		-		80-120	-		
Zinc, Dissolved	106		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09 Batch: WG444378-2					
Arsenic, Dissolved	113	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Cadmium, Dissolved	112	-	80-120	-	
Calcium, Dissolved	100	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	100	-	80-120	-	
Lead, Dissolved	109	-	80-120	-	
Manganese, Dissolved	103	-	80-120	-	
Selenium, Dissolved	113	-	80-120	-	
Silver, Dissolved	102	-	80-120	-	
Sodium, Dissolved	100	-	80-120	-	
Zinc, Dissolved	102	-	80-120	-	
Total Hardness by SM 2340B - Westborough Lab Associated sample(s): 04-07 Batch: WG444384-2					
Hardness	98	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 01-07,09 Batch: WG444682-2					
Mercury, Dissolved	108	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG442806-4 QC Sample: L1018058-04 Client ID: SW-1												
Cadmium, Dissolved	ND	0.051	0.0552	108		-	-		80-120	-		20
Lead, Dissolved	ND	0.51	0.5388	106		-	-		80-120	-		20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG443315-4 QC Sample: L1018058-01 Client ID: MW-6D												
Arsenic, Dissolved	ND	0.12	0.137	114		-	-		75-125	-		20
Barium, Dissolved	ND	2	2.02	101		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.051	0.053	104		-	-		75-125	-		20
Calcium, Dissolved	10	10	20	100		-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.20	100		-	-		75-125	-		20
Copper, Dissolved	ND	0.25	0.259	104		-	-		75-125	-		20
Iron, Dissolved	ND	1	1.0	100		-	-		75-125	-		20
Lead, Dissolved	ND	0.51	0.557	109		-	-		75-125	-		20
Manganese, Dissolved	ND	0.5	0.509	102		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.138	115		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.051	102		-	-		75-125	-		20
Sodium, Dissolved	3.3	10	13	97		-	-		75-125	-		20
Zinc, Dissolved	ND	0.5	0.526	105		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09 QC Batch ID: WG444378-4 QC Sample: L1018425-02 Client ID: MS Sample									
Arsenic, Dissolved	0.011	0.12	0.144	111	-	-	75-125	-	20
Barium, Dissolved	0.047	2	2.00	98	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.055	108	-	-	75-125	-	20
Calcium, Dissolved	21	10	31	100	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.19	95	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.245	98	-	-	75-125	-	20
Iron, Dissolved	6.4	1	7.4	100	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.530	104	-	-	75-125	-	20
Manganese, Dissolved	0.821	0.5	1.31	98	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.132	110	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.049	98	-	-	75-125	-	20
Sodium, Dissolved	9.4	10	19	96	-	-	75-125	-	20
Zinc, Dissolved	ND	0.5	0.498	100	-	-	75-125	-	20
Total Hardness by SM 2340B - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG444384-4 QC Sample: L1018288-02 Client ID: MS Sample									
Hardness	430	66.2	480	76	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444682-4 QC Sample: L1018058-01 Client ID: MW-6D									
Mercury, Dissolved	ND	0.001	0.0011	115	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG442806-3 QC Sample: L1018058-04 Client ID: SW-1						
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG443315-3 QC Sample: L1018058-01 Client ID: MW-6D						
Arsenic, Dissolved	ND	ND	mg/l	NC		20
Barium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	10	10	mg/l	0		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Manganese, Dissolved	ND	ND	mg/l	NC		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	3.3	3.2	mg/l	3		20
Zinc, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09 QC Batch ID: WG444378-3 QC Sample: L1018425-02 Client ID: DUP Sample					
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	6.4	6.4	mg/l	0	20
Manganese, Dissolved	0.821	0.828	mg/l	1	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444682-3 QC Sample: L1018058-01 Client ID: MW-6D					
Mercury, Dissolved	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-01
Client ID: MW-6D
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 09:40
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	26		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	61		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:06	1,9010B/9012A	JO
Chloride	3.0		mg/l	1.0	--	1	-	11/15/10 19:48	1,9251	LA
Nitrogen, Nitrate	0.14		mg/l	0.10	--	1	-	11/12/10 09:13	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-02
Client ID: MW-4S
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 11:15
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	8.7		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	240		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	0.005		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:07	1,9010B/9012A	JO
Chloride	99		mg/l	10	--	10	-	11/15/10 19:18	1,9251	LA
Nitrogen, Nitrate	0.20		mg/l	0.10	--	1	-	11/12/10 09:14	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	120		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-03
Client ID: MW-4D
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 10:15
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	20		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	260		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:08	1,9010B/9012A	JO
Chloride	120		mg/l	10	--	10	-	11/15/10 19:20	1,9251	LA
Nitrogen, Nitrate	0.14		mg/l	0.10	--	1	-	11/12/10 09:14	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-04
Client ID: SW-1
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 10:20
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	38		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	440		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	0.006		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:08	1,9010B/9012A	JO
Chloride	200		mg/l	10	--	10	-	11/15/10 19:22	1,9251	LA
Nitrogen, Nitrate	0.32		mg/l	0.10	--	1	-	11/12/10 09:16	30,4500NO3-F	JO
Sulfate	15		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	29		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-05
Client ID: SW-2
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 12:00
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	34		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	390		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:09	1,9010B/9012A	JO
Chloride	180		mg/l	10	--	10	-	11/15/10 19:24	1,9251	LA
Nitrogen, Nitrate	0.26		mg/l	0.10	--	1	-	11/12/10 09:17	30,4500NO3-F	JO
Sulfate	14		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-06
Client ID: SW-3
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 12:30
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	33		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	240		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:10	1,9010B/9012A	JO
Chloride	110		mg/l	10	--	10	-	11/15/10 19:28	1,9251	LA
Nitrogen, Nitrate	0.82		mg/l	0.10	--	1	-	11/12/10 09:17	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	270		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-07
Client ID: SW-4
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 13:00
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	70		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	190		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:12	1,9010B/9012A	JO
Chloride	57		mg/l	1.0	--	1	-	11/15/10 19:49	1,9251	LA
Nitrogen, Nitrate	0.35		mg/l	0.10	--	1	-	11/12/10 09:20	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	41		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:50	30,5220D	DW

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

SAMPLE RESULTS

Lab ID: L1018058-09
Client ID: DUP-1
Sample Location: FOXBORO, MA
Matrix: Water

Date Collected: 11/11/10 00:00
Date Received: 11/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	29		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
Solids, Total Dissolved	40		mg/l	10	--	1	-	11/22/10 14:55	30,2540C	DW
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:13	1,9010B/9012A	JO
Chloride	3.0		mg/l	1.0	--	1	-	11/24/10 19:07	1,9251	LA
Nitrogen, Nitrate	0.13		mg/l	0.10	--	1	-	11/12/10 09:21	30,4500NO3-F	JO
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
Chemical Oxygen Demand	33		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:51	30,5220D	DW

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058

Project Number: 10905 **Report Date:** 12/01/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG442689-2										
Nitrogen, Nitrate	ND		mg/l	0.10	--	1	-	11/12/10 08:48	30,4500NO3-F	JO
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG442998-1										
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
General Chemistry - Westborough Lab for sample(s): 05-07 Batch: WG442999-1										
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/15/10 13:30	30,2540C	DW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG443121-2										
Chloride	ND		mg/l	1.0	--	1	-	11/15/10 17:48	1,9251	LA
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG444284-1										
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/22/10 14:55	30,2540C	DW
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG444429-1										
Alkalinity, Total	ND		mg CaCO3/L	2.0	NA	1	-	11/22/10 12:44	30,2320B	SD
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG444464-1										
Cyanide, Total	ND		mg/l	0.005	--	1	11/22/10 20:30	11/23/10 14:03	1,9010B/9012A	JO
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG444745-1										
Chemical Oxygen Demand	ND		mg/l	20	--	1	11/24/10 08:30	11/24/10 11:48	30,5220D	DW
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG444897-1										
Sulfate	ND		mg/l	10	--	1	11/24/10 16:00	11/24/10 16:00	1,9038	AW
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG444909-2										
Chloride	ND		mg/l	1.0	--	1	-	11/24/10 18:48	1,9251	LA

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG442689-1								
Nitrogen, Nitrate	94		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG442998-2								
Solids, Total Dissolved	94		-		72-121	-		
General Chemistry - Westborough Lab Associated sample(s): 05-07 Batch: WG442999-2								
Solids, Total Dissolved	97		-		72-121	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG443121-1								
Chloride	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG444284-2								
Solids, Total Dissolved	92		-		72-121	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG444429-2								
Alkalinity, Total	101		-		80-115	-		11
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG444464-2 WG444464-3								
Cyanide, Total	94		94		80-120	0		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG444745-2					
Chemical Oxygen Demand	100	-	93-106	-	
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG444897-2					
Sulfate	85	-	84-119	-	
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG444909-1					
Chloride	100	-	90-110	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905
Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG442689-3 QC Sample: L1018058-02 Client ID: MW-4S												
Nitrogen, Nitrate	0.20	4	4.2	100		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG443121-3 QC Sample: L1018058-01 Client ID: MW-6D												
Chloride	3.0	20	22	86		-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444429-3 QC Sample: L1018591-02 Client ID: MS Sample												
Alkalinity, Total	ND	100	110	113		-	-		86-116	-		11
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444464-4 WG444464-5 QC Sample: L1018425-10 Client ID: MS Sample												
Cyanide, Total	0.029	0.2	0.235	103		0.234	102		80-120	0		30
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444745-3 QC Sample: L1018058-01 Client ID: MW-6D												
Chemical Oxygen Demand	ND	238	260	109		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444897-4 QC Sample: L1018519-02 Client ID: MS Sample												
Sulfate	12	20	29	85		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG444909-3 QC Sample: L1018058-09 Client ID: DUP-1												
Chloride	3.0	20	22	95		-	-		58-140	-		7

Lab Duplicate Analysis
Batch Quality Control

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG442689-4 QC Sample: L1018058-03 Client ID: MW-4D						
Nitrogen, Nitrate	0.14	0.13	mg/l	7		17
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG442998-3 QC Sample: L1018140-02 Client ID: DUP Sample						
Solids, Total Dissolved	720	710	mg/l	1		11
General Chemistry - Westborough Lab Associated sample(s): 05-07 QC Batch ID: WG442999-3 QC Sample: L1018058-05 Client ID: SW-2						
Solids, Total Dissolved	390	380	mg/l	3		11
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG443121-4 QC Sample: L1018058-01 Client ID: MW-6D						
Chloride	3.0	2.9	mg/l	3		7
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG444284-3 QC Sample: L1018322-05 Client ID: DUP Sample						
Solids, Total Dissolved	62	56	mg/l	10		11
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444429-4 QC Sample: L1018591-02 Client ID: DUP Sample						
Alkalinity, Total	ND	2.0	mg CaCO3/L	NC		11
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444745-4 QC Sample: L1018058-01 Client ID: MW-6D						
Chemical Oxygen Demand	ND	ND	mg/l	NC		12
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG444897-3 QC Sample: L1018519-02 Client ID: DUP Sample						
Sulfate	12	11	mg/l	9		14
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG444909-4 QC Sample: L1018058-09 Client ID: DUP-1						
Chloride	3.0	2.8	mg/l	7		7

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1018058-01A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-01B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-01C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-01E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-01F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-01G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-01H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-02A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-02B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-02C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-02E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-02F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-02G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-02H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-03A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-03B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-03C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-03E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1018058-03F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-03G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-03H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-04A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-04B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-04C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-04D	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	HARDT(180)
L1018058-04E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-04F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),PB-6020S(180),CR-SI(180),CA-SI(180),CD-6020S(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-04G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-04H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-05A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-05B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-05C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-05D	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	HARDT(180)
L1018058-05E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-05F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),PB-6020S(180),CR-SI(180),CA-SI(180),CD-6020S(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-05G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-05H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-06A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-06B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-06C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-06D	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	HARDT(180)

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1018058-06E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-06F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),PB-6020S(180),CR-SI(180),CA-SI(180),CD-6020S(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-06G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-06H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-07A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-07B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-07C	Plastic 120ml H2SO4 preserved	A	<2	4	Y	Absent	COD-5220(28)
L1018058-07D	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	HARDT(180)
L1018058-07E	Plastic 250ml NaOH preserved	A	>12	4	Y	Absent	TCN-9010(14)
L1018058-07F	Plastic 500ml HNO3 preserved	A	<2	4	Y	Absent	FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),PB-6020S(180),CR-SI(180),CA-SI(180),CD-6020S(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-07G	Plastic 250ml unpreserved	A	N/A	4	Y	Absent	ALK-T-2320(14)
L1018058-07H	Plastic 1000ml unpreserved	A	7	4	Y	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)
L1018058-08A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1018058-09A	Vial HCl preserved	A	N/A	4	NA	Absent	8260(14)
L1018058-09B	Vial HCl preserved	A	N/A	4	NA	Absent	8260(14)
L1018058-09C	Plastic 120ml H2SO4 preserved	A	<2	4	NA	Absent	COD-5220(28)
L1018058-09E	Plastic 250ml NaOH preserved	A	>12	4	NA	Absent	TCN-9010(14)
L1018058-09F	Plastic 500ml HNO3 preserved	A	<2	4	NA	Absent	PB-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CD-SI(180),CR-SI(180),CA-SI(180),HG-S(28),SE-SI(180),ZN-SI(180)
L1018058-09G	Plastic 250ml unpreserved	A	N/A	4	NA	Absent	ALK-T-2320(14)
L1018058-09H	Plastic 1000ml unpreserved	A	7	4	NA	Absent	CL-9251(28),SO4-9038(28),NO3-4500(2),TDS-2540(7)

Container Comments

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LANDFILL
Project Number: 10905

Lab Number: L1018058
Report Date: 12/01/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1018058-07F

*Values in parentheses indicate holding time in days

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

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.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

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.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL 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

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 at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to 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.

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

I · The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

P · The RPD between the results for the two columns exceeds the method-specified criteria.

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R · Analytical results are from sample re-analysis.

Report Format: Data Usability Report

Project Name:	FOXBORO LANDFILL	**Lab Number:**	L1018058
Project Number:	10905	**Report Date:**	12/01/10

Data Qualifiers

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Project Name: FOXBORO LANDFILL **Lab Number:** L1018058
Project Number: 10905 **Report Date:** 12/01/10

REFERENCES

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

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

LIMITATION OF LIABILITIES

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

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.

Certificate/Approval Program Summary

Last revised July 19, 2010 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)
Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624, ME DRO, ME GRO, MA EPH, MA VPH.)
Solid Waste/Soil (Organic Parameters: ME DRO, ME GRO, MA EPH, MA VPH.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)
(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), 314.0, 332.
Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; MF-SM9222D
Non-Potable Water
Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)
(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Ti,Tl, V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)

(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables, 600/4-81-045-PCB-Oil

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 120.1, 300.0, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, SM2120B, 2510B, 5310C, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, LACHAT 10-117-07-1A or B, SM4500Cl-E, 4500F-C, SM15 426C, EPA 350.1, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, SM4500-CN-E LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 5030B, 625, 624. 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NY-DOH Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 9251, 9038, 350.1, 353.2, 351.1, 120.1, 9050A , 410.4, 9060, 1664, 420.1, LACHAT 10-107-06-1-B, SM 4500CN-E, 4500H-B, 4500CL-E, 4500F-BC, 4500SO4-E, 426C, 4500NH3-B, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500Norg-C, 4500PE, 2510B, 5540C, 5220D, 5310C, 2540B, 2540C, 2540D, 510C, 4500S2-AD, 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8330, 625, 8082, 8151A, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9040B, 9045C, 9065, 420.1, 9012A, 6860, 1311, 1312, 3050B, 9030B, 3051, 9010B, 3540C, SM 510ABC, 4500CN-CE, 2540G, SW-846 7.3, Organic Parameters: EPA 8260B, 8270C, 8330, 8082, 8081A, 8151A, 3545, 3546, 3580, 5035, MassDEP EPH, MassDEP VPH.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline. **EPA 350.1** for Ammonia in a Soil matrix.

Serial_No:12011012:55

CHAIN OF CUSTODY

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ALPHA ANALYTICAL

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

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

Date Rec'd in Lab: 11/11/10

ALPHA Job #: L1018058

Client Information

Client: CDM

Address: 50 Hampshire St, Cambridge MA

Phone: 617-452-6080 Ext. 6659

Fax: 617-452-6659

Email: Recchiav@cdm.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Foxboro LF.

Project Location: E. Belcher, Foxboro, MA

Project #: 10905

Project Manager: Vin Recchia

ALPHA Quote #:

Turn-Around Time

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

Date Due: 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 | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☒ No Are MCP Analytical Methods Required?

☐ Yes ☒ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

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

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

* For surface water (SW) samples please use Method 6020, for Cd, Pb

SAMPLE HANDLING

Filtration
☒ None
☐ 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	VOCs 8260	COD	TCN	WET CHEM: TDS, NO3, SO4, Cl	Alkalinity	Dissolved Metals Ethylene Glycol	Total Hardness					Sample Specific Comments	TOTAL # BOTTLES
8058-1	MW-6D	11/11/10	9:40	GW	PB/KB	X	X	X	X	X	X	X						7
2	MW-4S		11:15															7
3	MW-4D		10:15															7
4	SW-1		10:20	SW														8
5	SW-2		12:00															8
6	SW-3		12:30															8
7	SW-4		13:00															8
8	Trip Blank	10/27/10	—	TB	DS													1

Container Type	V	P	P	P	P	P	P					
Preservative	B	D	E	A	A	C	C					

PLEASE ANSWER QUESTIONS ABOVE!

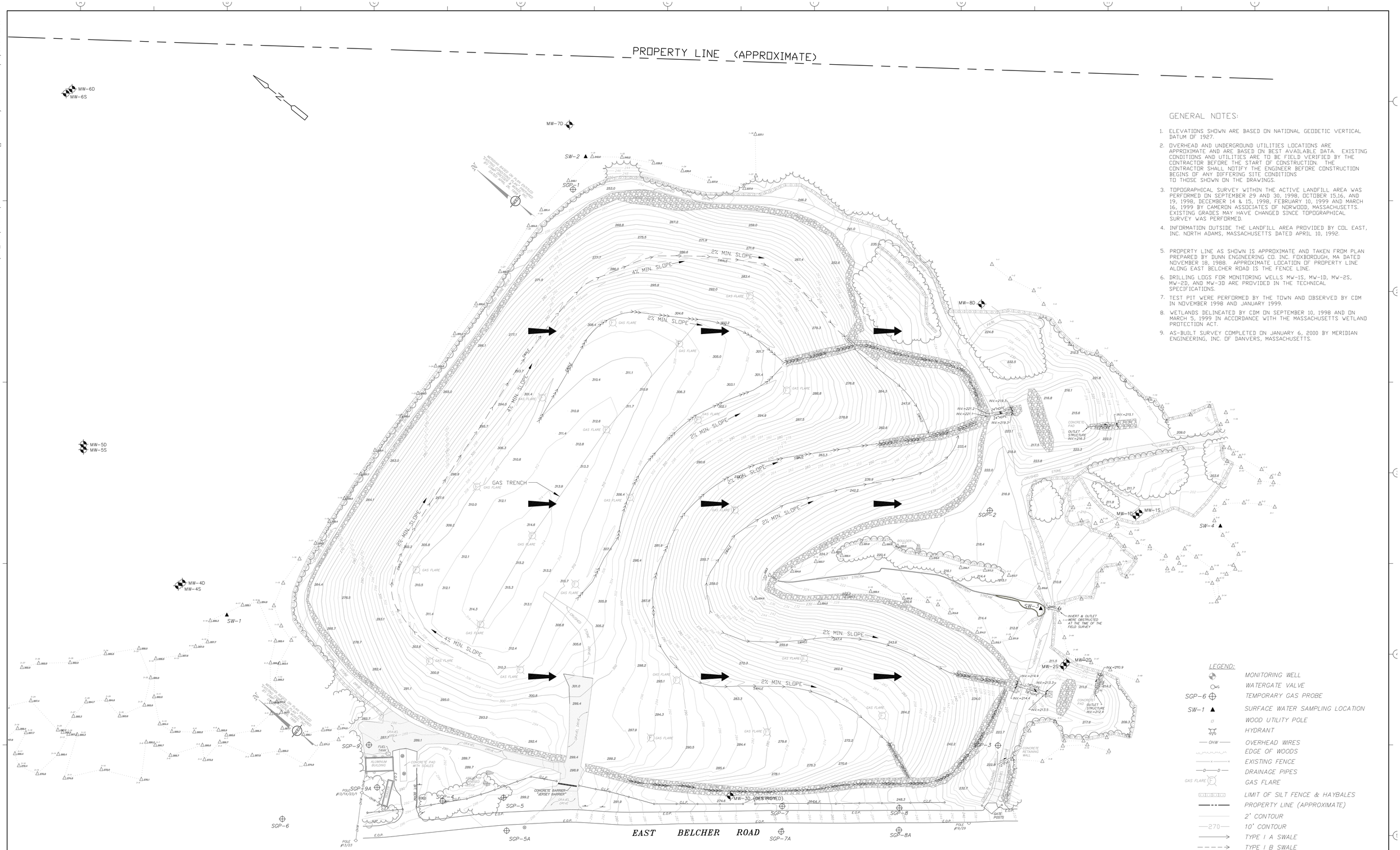
IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	11/11/10 14:30		11/11/10 1540
	11/11/10 1745		11/11/10 1745

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 Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Filename: C:\CAM_SOLI\FOXBORO\MONPLAN.DWG Xref's: [] Plotted by: COTEM Time: 9/12/2005 3:29:03 PM [NONE]



GENERAL NOTES:

1. ELEVATIONS SHOWN ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1927.
2. OVERHEAD AND UNDERGROUND UTILITIES LOCATIONS ARE APPROXIMATE AND ARE BASED ON BEST AVAILABLE DATA. EXISTING CONDITIONS AND UTILITIES ARE TO BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE CONSTRUCTION BEGINS OF ANY DIFFERING SITE CONDITIONS TO THOSE SHOWN ON THE DRAWINGS.
3. TOPOGRAPHICAL SURVEY WITHIN THE ACTIVE LANDFILL AREA WAS PERFORMED ON SEPTEMBER 29 AND 30, 1998, OCTOBER 15,16, AND 19, 1998, DECEMBER 14 & 15, 1998, FEBRUARY 10, 1999 AND MARCH 16, 1999 BY CAMERON ASSOCIATES OF NORWOOD, MASSACHUSETTS. EXISTING GRADES MAY HAVE CHANGED SINCE TOPOGRAPHICAL SURVEY WAS PERFORMED.
4. INFORMATION OUTSIDE THE LANDFILL AREA PROVIDED BY COL EAST, INC. NORTH ADAMS, MASSACHUSETTS DATED APRIL 10, 1992.
5. PROPERTY LINE AS SHOWN IS APPROXIMATE AND TAKEN FROM PLAN PREPARED BY DUNN ENGINEERING CO. INC. FOXBOROUGH, MA DATED NOVEMBER 18, 1988. APPROXIMATE LOCATION OF PROPERTY LINE ALONG EAST BELCHER ROAD IS THE FENCE LINE.
6. DRILLING LOGS FOR MONITORING WELLS MW-1S, MW-1D, MW-2S, MW-2D, AND MW-3D ARE PROVIDED IN THE TECHNICAL SPECIFICATIONS.
7. TEST PIT WERE PERFORMED BY THE TOWN AND OBSERVED BY CDM IN NOVEMBER 1998 AND JANUARY 1999.
8. WETLANDS DELINEATED BY CDM ON SEPTEMBER 10, 1998 AND ON MARCH 5, 1999 IN ACCORDANCE WITH THE MASSACHUSETTS WETLAND PROTECTION ACT.
9. AS-BUILT SURVEY COMPLETED ON JANUARY 6, 2000 BY MERIDIAN ENGINEERING, INC. OF DANVERS, MASSACHUSETTS.

LEGEND:

- MONITORING WELL
- WG — WATERGATE VALVE
- SGP-6 — TEMPORARY GAS PROBE
- SW-1 — SURFACE WATER SAMPLING LOCATION
- WOOD UTILITY POLE
- HYDRANT
- OHW — OVERHEAD WIRES
- EDGE OF WOODS
- EXISTING FENCE
- DRAINAGE PIPES
- GAS FLARE — GAS FLARE
- LIMIT OF SILT FENCE & HAYBALES
- PROPERTY LINE (APPROXIMATE)
- 2' CONTOUR
- 270 — 10' CONTOUR
- TYPE I A SWALE
- TYPE I B SWALE
- TYPE II SWALE
- TYPE III SWALE
- TYPE IV SWALE
- TYPE V SWALE
- 4" UNDERDRAIN PIPE
- RIPRAP
- WETLAND FLAG
- LIMIT OF WETLAND
- APPROXIMATE GROUNDWATER FLOW DIRECTION

1" = 60'
30 0 60

REV. NO.	DATE	DRWN	CHKD	REMARKS
01	11/21/00	VMR	TMH	REVISED FOR RECORD DRAWING

DESIGNED BY: V. RECCHIA
DRAWN BY: V. RECCHIA
SHEET CHK'D BY: T. HEINO
CROSS CHK'D BY: B. HASKELL
APPROVED BY: B. HASKELL
DATE: NOVEMBER 2000

CDM Camp Dresser & McKee Inc.
environmental services
offices worldwide

TOWN OF FOXBOROUGH
FOXBOROUGH, MASSACHUSETTS

FOXBOROUGH SANITARY LANDFILL FINAL CLOSURE

ENVIRONMENTAL MONITORING PLAN

PROJECT NO. 10905-24333
FILE NAME: MONPLAN

SHEET NO. 1